



1875 - 1954
**WHOLESALE
BULLETIN
NO. 3**

WITH GRADE COUNTS

APRIL 23, 1954

OFFERING A LARGE ASSORTMENT
OF
GENERAL NURSERY STOCK

Order Now
PHONES 384—385

*Superior Quality and
Service Since 1875*



ESTABLISHED 1875

Mount Arbor Nurseries

• SHENANDOAH IOWA •

Terms and Conditions of Sale

TERMS—These terms are offered to those with established credit. One percent discount if paid on or before tenth of following month from date of invoice, and is due net thereafter. Otherwise, cash, security, or satisfactory references.

C.O.D. orders must be accompanied by one-fourth cash.

Interest charged on past due accounts.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

ROSES, SHADE TREES, PERENNIALS, PEONIES AND LILIES:

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class (except Patented Varieties) allowed to make total. For example: All Roses except Patented Varieties are considered one class, etc.

FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.

FRUIT TREE SEEDLINGS:

Under 300 of same variety and grade at 100 rate.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rate

Note:—Classifications as given above are understood to be as listed under general headings in price list.

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. **ALL GOODS TRAVEL AT THE PURCHASER'S RISK AND EXPENSE.**

TRUCK SERVICE—We are able to offer service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

CLAIMS for any cause must be made promptly upon receipt of stock. We will not entertain claims after goods have been once accepted, or when report it not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.



MOUNT ARBOR NURSERIES

G. L. WELCH, PRES.

F. E. HARTMAN, SECY.

R. M. GWYNN, TREAS.

HEIGHT AND CALIPER — Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN.**

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB		Per 10	Per 100	Per 1000	
First Class, 11-16 to 7-8 inch, 4½ feet and up		\$ 7.00	\$ 65.00	\$ -----	
" " 9-16 to 11-16, 4 feet and up		6.00	55.00	-----	
" " 7-16 to 9-16, 3 feet and up		5.00	45.00	400.00	
" " 5-16 to 7-16, 2 feet and up		3.50	31.00	280.00	
" " 7-8 inch and up		8.00	75.00	-----	
	11/16"	9/16"	7/16"	5/16"	7/8"
Chestnut Crab (Minn. No. 240)	70	40	40	30	----
Cortland			50	40	----
Dolgo Crab	740	270		240	140
Duchess Red			60	60	----
Early Harvest				220	----
Fameuse		40	100	80	----
Fireside (Minn. No. 993)			20	140	----
Golden Russett			30	20	----
Gravenstein Red	610	140			----
Grimes Golden			320	120	----
Haralson				100	----
Hawkeye Greening	40		40		80
Jonathan			420	380	----
Jonathan Dark Red			340	1460	----
Lodi	40			100	----
Macoun			40	20	----
Maiden Blush		100	120	20	----
McIntosh Black Mickey			80		----
Minjon (Minn. No. 700)		80	140	240	----
Northern Spy			100	40	----
Northern Spy Red		80	70	40	----
Northwest Greening				60	----
Oriole	80		60	40	----
Prairie Spy (Minn. No. 1007)			80		----
Red Astrachan	600		40	20	----
Red June			60	140	----
Redwell (Minn. No. 638)	260		40	20	280
Rome Beauty Red			20	100	----
Rome Beauty-Gallia Beauty				200	----
Rome Beauty Ruby Red				80	----
Secor			180	60	10
Sharon	40	20	30	20	20
Stayman Winesap		100		30	----
Tolman Sweet			80	20	----
Turley			60	20	----
Victory	30				30
Virginia Crab	40				60
Wealthy		80		40	----
Whitney	200	60		180	----
Winesap Crimson				200	----
Yellow Transparent				180	----
York Imperial Red		50	240	120	----

APPLE — WHIPS

Washington Grown

These Northern Grown Apple Whips are sturdy trees, graded not only by height but also by Caliper.

Per 10 Per 100 Per 1000

One Year, 4 to 5 feet, Whips		\$ 5.50	\$ 50.00	\$
" " 3 to 4 feet, "		4.50	40.00	
" " 2 to 3 feet, "		2.90	25.00	
" " 18 to 24 inch, Whips		1.90	15.00	
	4-5'	3-4'	2-3'	18-24"
Anoka		20	180	40
Beacon		60	50	
Chestnut Crab (Minn. No. 240)			60	20
Cortland		40	80	
Delicious Dark Red			40	
Dolgo Crab		50	120	
Duchess Red		100	200	20
Early Harvest			40	
Fameuse	180	200	60	
Grimes Golden	480	360	60	
Haralson		20	80	
Hawkeye Greening	10	50	60	
Lodi		20	20	
Macoun	80	80		
Maiden Blush		30		
Minjon (Minn. No. 700)				100
Northern Spy	280	140		
Northwest Greening		40	20	
Prairie Spy (Minn. No. 1007)		20	40	20
Red June		60	120	
Redwell (Minn. No. 638)		30	30	
Rome Beauty Red		140	100	
Secor	60	40	20	
Sharon		20		
Stayman Winesap	240	100	60	
Stayman Red	200	80	20	
Tolman Sweet	180	120		
Turley	60	20		
Wealthy	40	350	460	
Whitney		100	660	
Winesap Crimson			40	
Yellow Transparent			180	

DWARF APPLE

We offer the following DWARF APPLE, budded on dwarfing mediums, all two year Shenandoah grown trees.

Per 10 Per 100 Per 1000

5-16 to 7-16 inch	\$ 7.50	\$ 70.00	\$
			5/16"
Cortland			90
Delicious Dark Red			40

MULTIPLE APPLE

Shenandoah Grown

We offer the following combination Apple, all Shenandoah Grown Trees. They were dormant budded Summer 1952 on the side limbs on 2 year trees so buds have one full year's growth.

Per 10 Per 100 Per 1000

470 Sextuplets, Three Yrs. 9-16 and up, 4 ft. and up	\$19.00	\$175.00	\$
380 Quintuplet, " " " " " " " " " "	16.50	150.00	
710 " " " " " " " " " "	11.00	100.00	
1100 Quadruplet, " " " " " " " " " "	12.00	110.00	
600 " " " " " " " " " "	8.50	80.00	
700 Triplet, " " " " " " " " " "	8.50	80.00	

MULTIPLE APPLE—Continued

DELCON

A true semi-dwarf Apple tree—12 ft.

Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Flavor is a combination of its parents, Jonathan and Delicious. Developed, tested and approved by Mo. State Experiment Station. Hardy wherever Red Delicious is successful.

	Per 10	Per 100	Per 1000
120 Two Years, 5-16 to 7-16, 2 feet and up	\$ 6.00	\$ -----	\$ -----

CHERRIES — Sour — On Mahaleb

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up	\$10.00	\$ 90.00	\$850.00
" " 9-16 to 11-16, 3 feet and up	8.50	80.00	750.00
" " 7-16 to 9-16, 2½ feet and up	7.00	65.00	600.00
" " 5-16 to 7-16, 2 feet and up	5.50	50.00	450.00
" " 18 to 24 inches	2.90	25.00	-----
" " 12 to 18 inches	2.10	18.00	-----

CHERRY—One Year

	11/16"	9/16"	7/16"	5/16"	18/24"	12/18"
Early Richmond	-----	200	100	100	-----	-----
English Morello	-----	100	720	100	-----	-----
Montmorency	100	400	420	-----	200	400

CHERRIES — Sweet

CHERRIES — Sweet			Per 10	Per 100	Per 1000
One Year on Mahaleb					
11-16 and up, 4½ feet and up, mostly branched			\$12.50	\$110.00	\$ -----
9-16 to 11-16, 4 feet and up, mostly branched			10.00	95.00	-----
7-16 to 9-16, 3 feet and up, branched and whips			8.00	75.00	700.00
5-16 to 7-16, 2½ feet and up, mostly whips			6.00	55.00	500.00
18 to 24 inches			2.90	25.00	-----
	11/16"	9/16"	7/16"	5/16"	18/24"
✓Bing	-----	60	80	20	60
✓Black Tartarian	40	80	60	80	100
✓Governor Wood	40	290	-----	-----	-----
✓Kansas Sweet	-----	-----	20	40	30
✓Lambert	-----	-----	20	20	-----
✓Napoleon	60	-----	-----	160	20
✓Schmidts Big	20	-----	60	360	40
✓Van	-----	50	500	140	40
✓Windsor	-----	-----	600	320	40
✓Yellow Glass	70	40	500	600	140

HANSEN'S BUSH CHERRY

	Per 10	Per 100	Per 1000
200 Improved besseyi, 3 to 4 feet, transplants	\$ 4.00	\$ 35.00	\$300.00

PEAR — Standard

PEAR — Standard					Per 10	Per 100	Per 1000
One and Two Years,	11-16 and up,	4½ feet and up			\$ 9.00	\$ 85.00	\$800.00
" " " "	9-16 to 11-16,	4 feet and up			8.00	75.00	700.00
" " " "	7-16 to 9-16,	3 feet and up			6.50	60.00	550.00
" " " "	5-16 to 7-16,	2 feet and up			4.00	35.00	-----
" " " "	7-8 and up,	5 feet and up			11.00	100.00	-----
		11/16"	9/16"	7/16"	5/16"	7/8"	
✓ Bantam		20	-----	-----	-----	-----	
✓ Bartlett		-----	-----	-----	400	-----	
✓ B. de Anjou		190	-----	20	-----	-----	
✓ Buerre Bosc		40	100	40	-----	-----	
✓ Clapp's Favorite		40	-----	20	20	-----	
✓ Douglass		150	-----	-----	-----	-----	
✓ Duchess		-----	-----	40	20	-----	
✓ Kieffer		100	-----	-----	-----	200	
✓ Lincoln		100	-----	-----	20	-----	
✓ Mendel		-----	-----	40	-----	-----	
✓ Seckel		500	200	-----	20	140	

PEARS—Standard—Continued

MAX-RED BARTLETT

Plant Patent No. 741

A new sport of Bartlett Pear that originated in the Northwest. The fruit carries a good all-over red color, keeps longer and ripens in regular Bartlett season. High quality.

		Per 10	Per 100
100	One and Two Years, 9-16 to 11-16, Branched, 4 feet and up	\$ 8.50	\$ 80.00
600	" " " " 7-16 to 9-16, Branched, 3 feet and up	7.50	70.00
900	" " " " 5-16 to 7-16, Mostly Branched, 2 ft. & up	6.50	60.00
190	" " " " 5 to 6 feet, whips	8.50	80.00
210	" " " " 4 to 5 feet, whips	7.50	70.00
40	" " " " 3 to 4 feet, whips	6.50	60.00

QUINCE

Per 10 Per 100 Per 1000

Two Years, 11-16 inch and up	\$11.00	\$	\$
Orange			11/16"
			20

PLUM—EUROPEAN

Per 10 Per 100 Per 1000

One and Two Years, 11-16 to 7-8, 4½ feet and up	\$ 9.00	\$	\$
" " " " 9-16 to 11-16, 4 feet and up	8.50		
" " " " 7-16 to 9-16, 3 feet and up	7.00	65.00	600.00
" " " " 5-16 to 7-16, 2 feet and up	4.00	35.00	

EUROPEAN, One and Two Years, on Myrobolan, all branched.

	11/16"	9/16"	7/16"	5/16"
Lombard			180	100
Mt. Royal	10		80	60
Reine Claude			40	
Stanley Prune			80	
Yellow Egg	100	100		80

PLUM—AMERICAN

Per 10 Per 100 Per 1000

One Year, 11-16 and up, 4½ feet and up	\$ 9.00	\$	\$
" " 9-16 to 11-16, 4 feet and up	8.50	80.00	
" " 7-16 to 9-16, 3 feet and up	7.00	65.00	600.00
" " 5-16 to 7-16, 2 feet and up	4.00	35.00	
" " 2 to 3 feet, mostly whips	2.90	25.00	

AMERICAN and HARDY HYBRIDS, One Year, on Native Roots, branched.

	11/16"	9/16"	7/16"	5/16"	2/3'
Compass					140
Ember			20	80	60
Goldenrod			400	140	
Hanska				220	70
Kahinta			220	50	
LaCrescent			60	40	
Monitor			200	200	
Oka		260	180	20	80
Omaha			100	60	20
Opata		60	180	40	50
Red Coat	60		200	300	80
Sapa	40	180	420	100	190
Superior		90	400	300	
Toka	20	70	140	160	100
Underwood				220	20
Waneta			540	80	150

PEACH

		Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up		\$ 5.00	\$ 45.00	\$ -----
" " 5-16 to 7-16, 2 feet and up		3.80	33.00	300.00
" " 2 to 3 feet		2.90	25.00	220.00
" " 18 to 24 inches		2.10	18.00	150.00
	7/16"	5/16"	2/3'	18/24"
✓ Belle of Georgia	500	340	140	40
✓ Champion	500	800	580	160
✓ Early Elberta			340	160
✓ Elberta			1400	1600
✓ Fairhaven			60	140
✓ Golden Jubilee		400	860	260
✓ Hale Haven			860	240
✓ Heath Cling	60	80		
✓ J. H. Hale		400	60	1400
✓ Mikado	160	280	120	40
✓ Polly		200	1060	180
✓ Red Haven			240	70
✓ Rochester	80	160	100	20
✓ Shippers Late Red		40		
✓ South Haven		340	140	60
✓ Valiant	400	1240	440	
✓ Vedette		640	200	40
✓ Veteran		500	380	120

NECTARINE

		Per 10	Per 100	Per 1000
7-16 to 9-16 inch		\$ 7.00	\$ 65.00	\$ -----
5-16 to 7-16 inch		5.00	45.00	-----
2 to 3 feet		3.40	30.00	-----
18 to 24 inches		2.10	18.00	-----
	7/16"	5/16"	2/3'	18/24"
✓ Quetta	160	300	200	400

APRICOTS

		Per 10	Per 100	Per 1000
One Year, 5-16 to 7-16, 2 feet and up		\$ 5.00	\$ 45.00	\$ -----
" " 2 to 3 feet		3.40	30.00	-----
" " 18 to 24 inches		2.10	18.00	-----
	5/16"	2/3'	18/24"	
✓ Chinese	60	140	60	
✓ Iowa	300	140	180	
✓ Manchou	340	420	200	
✓ Monarch	100			
✓ Moorpark		140	140	
✓ Perfection	240	60	100	
✓ Scout	200			
✓ Superb	60	40		
✓ Tilton	140	80	60	

MULBERRY

		Per 10	Per 100	Per 1000
190 ✓ Russian, 4 to 5 feet, branched		\$ 5.00	\$ 45.00	\$ -----
170 " 3 to 4 feet, branched		4.00	35.00	-----

SMALL FRUITS**GRAPE VINES—Western New York Grown**

Tied, 2 yr., 50; No. 2, 100 per bundle.

		Per 100	Per 1000
200	✓ Beta , black, 2 years, No. 1	\$18.00	\$150.00
300	✓ Brighton , dark red, 2 years, No. 2	18.00	150.00
100	✓ Caco , red, 2 years, No. 1	22.00	-----
400	✓ Delaware , red, 2 years, No. 1	22.00	-----
200	✓ Niagara , white, 2 years, No. 2	14.00	120.00
500	✓ Portland , green, 2 years, No. 2	18.00	160.00
100	✓ Sheridan , black, 2 years, No. 1	22.00	-----
300	✓ " " 2 years, No. 2	18.00	160.00

CURRENTS

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
200	✓ Cascade , bright red, 2 years, No. 2	\$14.00	\$120.00
200	✓ Perfection , bright-red, 2 years, No. 1	18.00	160.00
200	✓ " " " 2 years, No. 2	14.00	120.00
400	✓ Red Lake , light red, 2 years, No. 1	18.00	160.00
200	✓ " " " 2 years, No. 2	14.00	120.00
200	✓ Wilder , dark red, 2 years, No. 1	16.00	140.00
300	✓ " " " 2 years, No. 2	12.00	100.00

RASPBERRIES

Tied 25 per bundle

		Per 100	Per 1000
2000	✓ Indian Summer , red, everbearing, suckers, No. 1	\$ 9.00	\$ 85.00
4000	✓ Sodus , purple, tips	8.00	75.00

NEW INTRODUCTIONS

New red Everbearing varieties originated by Dr. Yeager of the University of New Hampshire. Healthy, hardy, vigorous growers and heavy producers. The canes grow 3 to 3½ feet tall, upright, ideal for picking.

		Per 100	Per 1000
800	✓ Durham , red No. 1 Suckers	\$16.00	\$140.00
3800	✓ " " No. 2 Suckers	12.00	100.00

BLACKBERRIES — Root Cutting Plants, No. 1

Tied 25 per bundle

		Per 100	Per 100			Per 100	Per 1000
600	✓ Alfred	\$ 5.60	\$ 50.00	2000	✓ Eldorado	\$ 5.60	\$ 50.00

MISCELLANEOUS BERRIES

Tied 25 per bundle

		Per 100	Per 1000
4000	✓ Boysenberry , Thornless, tip plants, No. 1	\$ 7.00	\$ 65.00

MISCELLANEOUS

Per 100 Per 1000

4000	✓ Asparagus , Mary Washington, 2 year	\$ 2.50	\$ 22.00
2000	✓ " " " 1 year	1.80	15.00
3000	✓ " " " 3 year	3.70	32.00
5000	✓ " Paradise , 2 year	2.50	22.00
3000	✓ " " 1 year	1.80	15.00
8000	✓ " " 3 year	3.70	32.00
21000	✓ Rhubarb , Victoria, whole roots, 1/2 to 5/8 inch	4.00	35.00
18000	✓ " " " 5/8 to 1 inch	5.00	45.00

FRUIT TREE STOCKS

WESTERN GROWN—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown Apple Seedlings for our grafting and for budding stocks. Also use the other varieties of western grown Fruit Tree Stocks for our own budding.

MAHALEB SEEDLINGS—Washington Grown		Per 100	Per 1000
1000	¼ inch and up	\$ 4.00	\$ 35.00
2000	No. 2, 2/16 to 3/16 inch	2.90	25.00

PEAR SEEDLINGS—Washington Grown

Bartlett

2000	No. 1, 3/16 to ¼ inch, Branched	3.80	33.00
10000	No. 2, 2/16 to 3/16 inch, Branched	2.90	25.00
16000	No. 2, 2/16 to 3/16 inch, Straight	2.90	25.00
4000	No. 3, about 2/16 inch	2.10	18.00

PLUM NATIVE—Shenandoah Grown

2500	½ inch and up	5.00	45.00
40000	No. 3, about 2/16 inch	1.80	15.00

QUINCE ROOTED CUTTINGS—Western Grown

16000	¼ inch and up	6.00	52.50
8000	No. 1, 3/16 to ¼ inch	5.60	50.00

If interested in quantity lots of Fruit Tree Seedlings, write for special prices.

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

BOX ELDER, <i>Acer negundo</i>		Per 100	Per 1000
4000	6 to 12 inches	\$ 1.20	\$ 10.00
500	12 to 18 inches	1.90	16.00
200	18 to 24 inches	2.90	25.00
200	2 to 3 feet	4.00	35.00

BUCKTHORN CATHARTICA, *Rhamnus cathartica*

2000	12 to 18 inches	4.50	40.00
800	2 to 3 feet	8.00	70.00
2000	3 to 4 feet	10.00	85.00

CARAGANA arborescens. Siberian Pea-Tree

4000	6 to 12 inches	2.10	18.00
2000	12 to 18 inches	3.50	30.00

CATALPA speciosa, Western Catalpa

13000	6 to 12 inches	1.20	10.00
14000	12 to 18 inches	1.80	15.00
5000	18 to 24 inches	2.60	22.00

ELM, AMERICAN WHITE, *Ulmus americana*

20000	6 to 12 inches	1.20	10.00
20000	12 to 18 inches	1.90	16.00
9000	18 to 24 inches	2.60	22.00
18000	2 to 3 feet	3.50	30.00
3000	3 to 4 feet	4.50	40.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS—Continued**ELM, CHINESE, *Ulmus pumila***

We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.

		Per 100	Per 1000
3000	6 to 12 inches	\$ 1.20	\$ 10.00
10000	12 to 18 inches	2.00	18.00
10000	18 to 24 inches	2.80	25.00
16000	2 to 3 feet	4.50	40.00
15000	3 to 4 feet	7.50	65.00
9000	4 to 5 feet	12.00	100.00
800	5 to 6 feet	19.00	160.00
500	6 to 8 feet	29.00	-----

LOCUST, BLACK or YELLOW, *Robinia pseudoacacia*

1000	6 to 12 inches	1.00	9.00
2000	12 to 18 inches	1.70	14.00
3000	18 to 24 inches	2.40	20.00
4000	2 to 3 feet	3.20	28.00
9000	3 to 4 feet	4.50	40.00
1100	4 to 5 feet	7.50	65.00

LOCUST HONEY, *Gleditsia triacanthos*

700	2 to 3 feet	4.00	35.00
1900	3 to 4 feet	6.50	60.00
1100	4 to 5 feet	10.00	90.00

LOCUST HONEY, Thornless, *Gleditsia triacanthos inermis*

6000	8 to 12 inches, (Heavy Caliper)	1.90	16.00
1000	2 to 3 feet	5.00	45.00
1000	3 to 4 feet	8.00	70.00

MULBERRY, Russian, *Morus tatarica*

3000	18 to 24 inches	2.90	25.00
6000	2 to 3 feet	4.50	40.00
3000	3 to 4 feet	6.50	60.00

OSAGE ORANGE, *Maclura pomifera*

6000	6 to 12 inches	1.20	10.00
8000	12 to 18 inches	1.80	15.00
4000	18 to 24 inches	2.40	20.00

PECAN HARDY, *Carya illinoensis*

1500	6 to 12 inches	6.50	60.00
3000	12 to 18 inches	9.00	80.00
1000	18 to 24 inches	12.00	100.00

WALNUT BLACK, *Juglans nigra*

100	12 to 18 inches	3.50	-----
400	2 to 3 feet	7.00	60.00
200	3 to 4 feet	10.00	90.00

ONE YEAR FROM CUTTINGS**POPLAR, *Populus***

		Per 100	Per 1000
1700	Lombardy, whips 18 to 24 inches	\$ 4.50	\$ 40.00
3000	" whips 2 to 3 feet	7.00	60.00



DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, American White, *Fraxinus Americanus* Per 10 Per 100 Per 1000

Tall growing, valuable tree for street and park planting.

80 4 to 5 feet.....	\$ 8.00	\$ 75.00	\$ ----
80 8 to 10 feet.....	22.00	-----	-----

Green, *Fraxinus pennsylvanica lanceolata*, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

90 3 to 4 feet.....	5.00	45.00	-----
170 4 to 5 feet.....	8.00	75.00	-----
20 5 to 6 feet.....	11.00	100.00	-----

BIRCH, Cutleaf Weeping, *Betula pendula laciniata*. 30-40 ft.

A graceful white bark tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

100 4 to 5 feet.....	14.00	125.00	-----
300 6 to 8 feet.....	22.00	200.00	-----
200 8 to 10 feet.....	30.00	275.00	-----

European White, *Betula pendula (alba)*. 30-40 ft.

A hardy attractive tree with white bark.

40 3 to 4 feet.....	6.50	60.00	-----
40 4 to 5 feet.....	9.00	80.00	-----
80 5 to 6 feet.....	12.00	110.00	-----
70 8 to 10 feet.....	22.50	200.00	-----

CHERRY, Kwanzan. 10-15 ft.

Beautiful double, dark pink, late flowers. Planted freely in the east and south.

200 2 to 3 feet.....	14.00	125.00	-----
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↓ HOPA RED FLOWERING CRAB

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruits red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

	Per 10	Per 100	Per 1000
360 3 to 4 feet, whips.....	\$ 5.00	\$ 45.00	\$ ----
160 4 to 5 feet, whips.....	7.00	65.00	-----
680 2 to 3 feet.....	5.00	45.00	-----
280 4 to 5 feet.....	9.00	85.00	-----

CRAB, Flowering *Malus*. 15-30 ft.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$ 5.50	\$ 50.00	\$ ----
3 to 4 feet.....	8.50	80.00	-----
4 to 5 feet.....	12.00	110.00	-----
5 to 6 feet.....	15.00	135.00	-----
6 to 8 feet.....	19.00	-----	-----

	6-8'	5-6'	4-5'	3-4'	2-3'
Eley			640	600	130
Parkman	30	120	100	-----	-----
Red Silver		310	420	40	-----

DECIDUOUS TREES—Continued**FLOWERING CRAB—Continued**✓ **Eley Flowering Crab, *purpurea eleyi*. 25-30 ft.**

Attractive reddish foliage in spring. Single pink flowers followed by showy red fruit.

Parkman, *halliana parkmani*. 12-15 ft.

Semi-double, pink flowers on long stems. Compact habit of growth. Dwarf. April-May.

✓ **Red Silver. 18-20 ft.**

Fruit rich maroon red, foliage somewhat cut-leaved with silver and red color. A remarkable combination. Flower crimson.

FLOWERING CRAB

The following varieties are available in shrub or bush form. They are excellent for landscape planting or for listing in Mail Order catalogues.

		Per 10	Per 100	Per 1000	
12 to 18 inches		\$ 2.90	\$ 25.00	\$ -----	
18 to 24 inches		4.50	40.00	-----	
2 to 3 feet		5.50	50.00	-----	
3 to 4 feet		8.00	75.00	-----	
4 to 5 feet		11.00		-----	
	4-5'	3-4'	2-3'	18/24"	12/18"
Eley		330	600	400	50
Hopa	60	300	460	170	110

CRAB, *Bechtel Malus, ioensis plena*. 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

	Per 10	Per 100	Per 1000
320 3 to 4 feet.....	\$10.00	\$ 90.00	\$ -----

ELM, American White, *Ulmus americana*. 60-100 ft.

The most popular American tree for street and general planting.

680 3 to 4 feet.....	2.90	25.00	220.00
1000 4 to 5 feet.....	4.50	40.00	370.00
600 5 to 6 feet.....	7.00	65.00	600.00
800 6 to 8 feet.....	11.00	100.00	-----
560 8 to 10 feet.....	16.50	150.00	-----
200 1¼ to 1½ inches.....	22.00	-----	-----

Chinese, *Ulmus pumila*, Siberian Elm. 50-75 ft.

A hardy, rapid grower, slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

800 3 to 4 feet.....	2.90	25.00	220.00
1200 4 to 5 feet.....	4.00	35.00	300.00
200 5 to 6 feet.....	6.50	60.00	-----

CHINESE ELM**Root Pruned Trees**

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched roots system, and they will be graded by caliper and height. Are good value.

	Per 10	Per 100	Per 1000
500 4 to 5 feet, 7-16 to 9-16 inches.....	\$ 3.50	\$ 30.00	\$270.00
800 5 to 6 feet, 9-16 to 11-16 inches.....	5.00	45.00	400.00

DECIDUOUS TREES—Continued**ELM—Continued****Moline, *Ulmus molini*. 80-100 ft.**

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

	Per 10	Per 100	Per 1000
50 3 to 4 feet.....	\$ 5.00	\$ 45.00	\$ -----
200 4 to 5 feet.....	8.00	75.00	-----

HONEYLOCUST, *Gleditsia triacanthos*. 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most kind of soil. Not affected by borers or drought.

60 5 to 6 feet.....	11.00	100.00	-----
140 6 to 8 feet.....	16.50	150.00	-----
140 8 to 10 feet.....	25.00	225.00	-----
5 1½ to 1¾ inches.....	32.50	-----	-----

MAPLE, Norway *Acer platanoides*. 50-60 ft.

Hardy, popular trees. Fine for park and street planting. Spreading habit.

30 7 to 8 feet, Whips.....	15.00	-----	-----
60 8 to 9 feet, Whips.....	17.50	-----	-----

Schwedler, *Acer platanoides schwedleri*. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

60 8 to 9 feet, Whips.....	28.00	250.00	-----
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OAK, Pin, *Quercus palustris*. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

300 3 to 4 feet.....	9.00	80.00	-----
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PECAN, *Hicoria (Carya illinoensis)*

A native nut bearing tree.

220 2 to 3 feet.....	5.00	45.00	-----
370 3 to 4 feet.....	8.00	75.00	-----
300 4 to 5 feet.....	11.00	100.00	-----
620 5 to 6 feet.....	15.50	140.00	-----
240 6 to 8 feet.....	18.00	160.00	-----

POPLAR, Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

40 5 to 6 feet.....	4.50	40.00	-----
100 6 to 8 feet.....	6.50	60.00	-----
30 8 to 10 feet.....	8.50	80.00	-----
20 1½ to 1¾ inches.....	11.00	-----	-----

Lombardy, *nigra italica*. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

160 1½ to 1¾ inches, low branched.....	10.00	90.00	-----
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Simoni, Chinese Poplar. 40-50 ft.

Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.

20 5 to 6 feet.....	6.50	60.00	-----
70 6 to 8 feet.....	9.00	85.00	-----
50 8 to 10 feet.....	14.00	125.00	-----
10 1½ to 1¾ inches.....	18.00	-----	-----

DECIDUOUS TREES—Continued

POPLAR—Continued

NEW VARIETIES

We have selected the following varieties of Poplar as outstanding for street and shade tree planting in sections where large variety selections are not adapted. These new varieties are of the *Populus nigra* family and do well in hot, arid sections.

	Per 10	Per 100	Per 1000	
4 to 5 feet.....	\$ 4.50	\$ 40.00	\$ -----	
6 to 8 feet.....	10.00	90.00	-----	
8 to 10 feet.....	14.00	125.00	-----	
1½ to 2 inches.....	18.00	160.00	-----	
	1½-2"	8-10'	6-8'	4-5'
Deltoides Missouriensis.....	20	60	30	
Gelrica.....	8	-----	10	
Serotina.....	60	20	-----	

Poplar, deltoides missouriensis

Large bright green leaves. More upright growth and desirable for street or parkway planting.

gelrica

Large dull green leaves, spreading habit of growth. New growth is bright greenish brown.

serotina

Smaller bright green leaves measuring 4 to 5 inches. New growth showing distinct reddish brown color. Spreading habit and fast grower.

PRUNUS, Ornamental Plum.

Per 10 Per 100 Per 1000

↘cistena, Hansen's Purple Leaved Plum. 5-6 ft.

A dwarf variety with rich purple red foliage. Bush form.

170 9 to 12 inches.....	\$ 2.90	\$ 25.00	\$ -----
2100 12 to 18 inches.....	4.50	40.00	-----
900 18 to 24 inches.....	6.50	60.00	-----
320 2 to 3 feet, Whips.....	4.50	40.00	-----
40 3 to 4 feet, Whips.....	6.50	60.00	-----

↘Hansen Bush Cherry. 6-7 ft.

An improved *Prunus besseyi*; very productive and extremely hardy.

200 3 to 4 feet, Transplants, branched.....	4.00	35.00	300.00
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↘ Newport, Purple Leaved (Bush form). 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.

230 12 to 18 inches.....	4.50	40.00	-----
160 18 to 24 inches.....	6.50	60.00	-----
1400 2 to 3 feet.....	8.00	75.00	-----
100 3 to 4 feet.....	11.00	100.00	-----
130 2 to 3 feet, Tree Form.....	8.00	75.00	-----
80 3 to 4 feet, Tree Form.....	11.00	100.00	-----
680 2 to 3 feet, Whips, On Peach.....	5.50	50.00	-----
460 3 to 4 feet, Whips, On Peach.....	7.50	70.00	-----
500 2 to 3 feet, Tree Form, On Peach.....	8.00	75.00	-----
360 3 to 4 feet, Tree Form, On Peach.....	11.00	100.00	-----

persica, Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

2 to 3 feet.....	4.50	40.00	-----
3 to 4 feet.....	6.50	60.00	-----
4 to 5 feet.....	9.00	85.00	-----
5 to 6 feet.....	11.00	-----	-----

	5-6'	4-5'	3-4'	2-3'
Camelliaeflora, Late Red.....	15	140	-----	60
Helen Borchers, Clear Pink.....	30	20	30	10
Iceberg, Early Snow-White.....	40	140	60	40
Peppermint Stick, Bi-Color.....	30	40	40	20
Red Flowering, Double Red.....	140	160	110	950

DECIDUOUS TREES—Continued

PRUNUS—Continued

DWARF PEACH-MANDARIN

Chinese DWARF PEACH. Maximum height about 4 feet. Double red flowers. Medium sized fruit.

	Per 10	Per 100	Per 1000
30 6 to 9 inches.....	\$ 6.50	\$ -----	\$ -----
30 9 to 12 inches.....	9.00	-----	-----
50 12 to 15 inches.....	12.50	-----	-----

RUTGERS RED-LEAVED FLOWERING PEACH

Ornamental tree with red foliage. Single pink flowers. Fruit, red 1½ inches in diameter, white flesh.

	Per 10	Per 100	Per 1000
60 2 to 3 feet.....	\$ 6.50	\$ 60.00	\$ -----
80 3 to 4 feet.....	9.00	80.00	-----
140 4 to 5 feet.....	11.00	100.00	-----
100 5 to 6 feet.....	14.00	125.00	-----

tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkably showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

	Per 10	Per 100	Per 1000
170 9 to 12 inches.....	\$ 2.10	\$ 18.00	\$ -----
950 12 to 18 inches.....	2.90	25.00	-----
460 18 to 24 inches.....	4.00	35.00	-----

RED BUD, *Cercis canadensis*. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

100 12 to 18 inches.....	2.90	25.00	-----
150 18 to 24 inches.....	4.00	35.00	-----
80 2 to 3 feet.....	5.50	50.00	-----

RUSSIAN OLIVE, *Elaeagnus angustifolia*. (Tree form). 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.

100 2 to 3 feet.....	4.50	40.00	-----
100 3 to 4 feet.....	6.50	60.00	-----
300 4 to 5 feet.....	8.50	80.00	-----

SYCAMORE or American Planetree, *Platanus occidentalis*. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

40 4 to 5 feet.....	8.00	75.00	-----

THORN, Pauls Scarlet Hawthorne, *Oxycantha pauli*. 15-20 ft.

Produces brilliant double scarlet flowers in June.

120 4 to 5 feet.....	16.50	150.00	-----
30 6 to 8 feet.....	30.00	-----	-----

WILLOW, *Salix*

Laurel leaved, *Salix pentandra*. 30-40 ft.

Hardy upright grower with large, dark green leaves.

90 3 to 4 feet.....	2.90	-----	-----
60 4 to 5 feet.....	4.50	-----	-----

DECIDUOUS TREES—Continued

WILLOW, Salix—Continued

Pussy, Salix discolor. 20-25 ft.

Per 10 Per 100 Per 1000

Popular Willow on account of catkins in March-April before leaves.

200	12 to 18 inches	\$ 1.80	\$ 15.00	\$ -----
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Russian Golden, Salix vitellina aurea. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

100	3 to 4 feet	2.10	18.00	-----
300	4 to 5 feet	3.50	30.00	-----
400	5 to 6 feet	5.50	50.00	-----
100	6 to 8 feet	6.50	60.00	-----
25	8 to 10 feet	11.00	-----	-----



ORNAMENTAL SHRUBS

Our Shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX sieboldianus (Pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
100 12 to 18 inches.....	\$ 2.90	\$ 25.00	\$ -----

ALMOND, Pink Flowering, Prunus gladulosa rosea. 5-6 ft.

April-May.

740 12 to 18 inches, Own Root.....	3.50	30.00	270.00
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ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red, and white.

3 to 4 feet.....	4.50	40.00	-----
2 to 3 feet.....	3.50	30.00	-----
18 to 24 inches.....	2.50	22.00	-----
	3-4'	2-3'	18-24"

Anemonaeflours, d pink			860
Boul de Feu, d red	160	480	-----
Lucy, d red	400	80	140
Rubis, s red		30	30

✓ AMELANCHIER, canadensis Juneberry (Downy Shadblow). 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible
Attractive to birds.

150 9 to 12 inches.....	2.40	20.00	-----
150 12 to 18 inches.....	4.00	35.00	-----
100 18 to 24 inches.....	5.50	50.00	-----

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

120 18 to 24 inches.....	4.50	40.00	-----
320 2 to 3 feet.....	5.50	50.00	-----
50 3 to 4 feet.....	6.50	-----	-----

✓ ARONIA melanocara, Black Chokeberry. 6-8 ft.

Attractive white flowers, smooth foliage, with black, shiny fruit in Autumn.

90 12 to 18 inches.....	3.50	30.00	-----
130 18 to 24 inches.....	5.00	45.00	-----

BARBERRY, Berberis

thunbergi Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

800 12 to 15 inches.....	2.60	22.50	200.00
2200 15 to 18 inches.....	3.20	28.00	250.00
2400 18 to 24 inches.....	3.80	33.00	300.00
200 2 to 2½ feet.....	4.40	38.50	-----

Our Barberry Thunbergi are 2 and 3 year heavy, well furnished transplants that will please the most critical trade. Write for special quotations on quantity lots.

See Hedging for Seedlings and smaller grades.

ORNAMENTAL SHRUBS—Continued

BARBERRY—Continued

Red Leaved, <i>Berberis atropurpurea</i> . 3-6 ft.		Per 10	Per 100	Per 1000
Variety of Japanese Barberry with bright red foliage.				
200	15 to 18 inches	\$ 4.50	\$ 40.00	\$ ----
300	18 to 24 inches	5.50	50.00	----

TRUEHEDGE COLUMNBERRY

Var. *Berberis Thunbergi, erecta*

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

		Per 10	Per 100	Per 1000
600	18 to 24 inches	\$ 4.50	\$ 40.00	\$350.00
800	2 to 2½ feet	5.50	45.00	420.00
340	2½ to 3 feet	6.50	60.00	550.00

BUCKTHORN, *Rhamnus cathartica*, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

		Per 10	Per 100	Per 1000
900	12 to 18 inches	\$ 2.10	\$ 18.00	\$150.00
1800	18 to 24 inches	2.90	25.00	220.00
1600	2 to 3 feet	4.00	35.00	320.00
280	3 to 4 feet	5.50	50.00	450.00

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

We are growing most of our Buddleia in California where soil and climatic conditions are ideal for producing strong, well rooted plants that are properly matured. You will like them.

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties are distinctly pink. Has exceptional value for house decoration.

600	Medium	2.80	24.00	220.00
700	No. 1	3.50	30.00	270.00

Dubonnet

A new dark wine dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn.

800	Medium	2.80	24.00	220.00
900	No. 1	3.50	30.00	270.00

Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

400	Medium	2.80	24.00	220.00
750	No. 1	3.50	30.00	270.00

Orchid Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

200	Medium	2.80	24.00	----
700	No. 1	3.50	30.00	270.00

BURGUNDY

A Mount Arbor introduction—A new Buddleia of merit. Strong, upright growing plant produces an abundance of well rounded flower trusses often measuring 18 inches in length. The individual florets open practically all at the same time. The color is "Burgandy Wine-red" that is even more brilliant in sunlight in the garden or where used as a cut flower under artificial light.

		Per 10	Per 100	Per 1000
900	No. 1 dormant plants, field grown	\$ 4.00	\$ 35.00	\$300.00

ORNAMENTAL SHRUBS—Continued**BUDDLEIA—Continued****PINK DAWN**

A Mount Arbor introduction—cross between *Buddleia Fortune* and *Pink Charming*. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire summer and autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering *Buddleia* in existence today.

		Per 10	Per 100	Per 1000
100	No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$ ----

ROYAL RED

(Patent No. 556)

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

		Per 10	Per 100	Per 1000
1600	No. 1 dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00
220	Medium, dormant plants, field grown.....	3.50	30.00	----

(Retails 75¢ each, \$7.50 per doz.)

SNOWBANK

A Mount Arbor introduction. This new white *Buddleia* produces fully round and compact sprays measuring 10 to 15 inches in length and carries an abundance of deep, dark green foliage.

		Per 10	Per 100	Per 1000
300	No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

WHITE BOUQUET

(Patent No. 536)

A new white *Buddleia* carrying 8-inch spikes of fully rounded-out blooms. Splendid for cut flower purposes. (Retails at 85¢ each, \$8.50 per doz.)

		Per 10	Per 100	Per 1000
300	No. 1	\$ 4.50	\$ 40.00	\$300.00

CHAENOMELES, See Cydonia**CEPHALANTHUS occidentalis, Buttonbush. 5-6 ft.**

		Per 10	Per 100	Per 1000
	Attractive foliage with round heads of creamy white flowers. July-September.			

40	12 to 18 inches.....	\$ 2.90	\$ 25.00	\$ ----
60	18 to 24 inches.....	4.50	40.00	----
120	2 to 3 feet.....	5.50	50.00	----

CHIONANTHUS virginica, White Fringe. 25 ft.

Large glossy leaves, white fragrant flowers, May-June.

100	12 to 18 inches.....	5.50	50.00	----
200	18 to 24 inches.....	8.00	75.00	----

ORNAMENTAL SHRUBS—Continued

CORNUS, Dogwood**alba sibirica, Siberian Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May.

Porcelain blue fruit. Bright red bark in winter. Per 10 Per 100 Per 1000

100	12 to 18 inches	\$ 2.40	\$ 20.00	\$ ----
640	18 to 24 inches	3.50	30.00	----
400	2 to 3 feet	5.00	45.00	----
200	3 to 4 feet	6.00	55.00	----
100	4 to 5 feet	7.50	70.00	----

***florida rubra, Red Flowering Dogwood. 15-20 ft.**

Variety of Cornus Florida with bright pink flowers.

30	2 to 3 feet (Balled in Moss)	25.00	225.00	----
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racemosa (paniculata) Gray Dogwood. 12-15 ft.

White flowers in May followed by white fruit.

150	12 to 18 inches	3.20	28.00	----
700	18 to 24 inches	4.50	40.00	350.00
700	2 to 3 feet	5.50	50.00	450.00
50	3 to 4 feet	7.00	65.00	----

stolonifera, Red-Osier Dogwood. 15-20 ft.

Dark wine colored branches. Dull white flowers. May-June. White berries.

110	12 to 18 inches	2.40	20.00	----
100	18 to 24 inches	3.50	30.00	----
120	2 to 3 feet	5.00	45.00	----

CORYLUS americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

100	9 to 12 inches	2.10	18.00	----
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COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

960	18 to 24 inches	3.50	30.00	270.00
1500	2 to 3 feet	4.50	40.00	350.00
40	3 to 4 feet	6.00	55.00	----

CYDONIA japonica (Chaenomeles). Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

2600	18 to 24 inches	3.80	33.00	300.00
2700	2 to 3 feet	5.00	45.00	400.00
1200	3 to 4 feet	6.00	55.00	500.00

NEW NAMED INTRODUCTIONS**CYDONIA (grafted)**

We are listing below newer varieties of grafted named varieties of CYDONIAS that we can recommend for the general planting. Supply limited.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 5.50	\$ 50.00	\$
18 to 24 inches.....	7.00	65.00	.....
2 to 3 feet.....	9.00	85.00	.....
3 to 4 feet.....	11.00	100.00	.....
	3-4'	2-3'	18-24" 12-18"
Apple Blossom, pink	70	480	130
Candida, white		10	.....
Coral Sea, Salmon	60	210	160
Pink Princess, pink	400	600	50 20
Snowbird, white	10	60	60 50

ORNAMENTAL SHRUBS—Continued

DEUTZIA, Lemoine, lemoinei Deutzia. 5-6 ft.		Per 10	Per 100	Per 1000
Large white showy flowers in May. Quite hardy.				
780	9 to 12 inches	\$ 2.90	\$ 25.00	\$220.00
1000	12 to 18 inches	4.00	35.00	300.00
800	18 to 24 inches	5.00	45.00	400.00
800	2 to 2½ feet	6.50	60.00	550.00

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

140	12 to 18 inches	2.50	22.00	-----
940	18 to 24 inches	4.00	35.00	300.00
220	2 to 3 feet	5.50	50.00	-----

scabra crenata. 5-6 ft.

Strong growing variety of Fuzzy Deutzia.

140	12 to 18 inches	2.40	20.00	-----
140	18 to 24 inches	3.20	28.00	-----
230	2 to 3 feet	4.50	40.00	-----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries, desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

80	2 to 3 feet	5.00	45.00	-----
160	3 to 4 feet	6.00	55.00	-----

EUONYMUS atropurpureus, Eastern Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

50	12 to 18 inches	3.20	28.00	-----
160	18 to 24 inches	4.50	40.00	-----

European, Burningbush, europaeus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in autumn.

70	12 to 18 inches	3.20	28.00	-----
460	18 to 24 inches	4.50	40.00	350.00

yedoensis, Yeddo Euonymus. 10-12 ft.

Large shrub with masses of pink and orange, four lobed fruit.

270	12 to 18 inches	3.20	28.00	-----
660	18 to 24 inches	4.50	40.00	350.00
180	2 to 3 feet	5.50	50.00	-----

EXOCHORDA racemosus (grandiflora) Pearl Bush. 8-10 ft.

Dazzling white flowers in May. Attractive foliage.

50	12 to 18 inches	2.90	25.00	-----
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FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

60	12 to 18 inches	3.20	28.00	-----
100	3 to 4 feet	6.00	55.00	-----

intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

350	12 to 18 inches	3.20	28.00	-----
140	18 to 24 inches	4.50	40.00	-----
80	2 to 3 feet	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

Per 10 Per 100 Per 1000

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.Improved form of *intermedia*. Rich golden yellow flowers.

600	12 to 18 inches	\$ 3.20	\$ 28.00	\$250.00
120	18 to 24 inches	4.50	40.00	-----
200	3 to 4 feet	6.00	55.00	-----

FORSYTHIA SPRING GLOBY

A new Forsythia that produces an abundance of attractive large pale yellow flowers completely covering the branches and making a brilliant and cheerful display for the gardens in the spring.

Per 10 Per 100 Per 1000

140	12 to 18 inches	\$ 3.50	\$ 30.00	\$ -----
100	18 to 24 inches	5.00	45.00	-----
600	2 to 3 feet	6.00	55.00	-----

suspensa, Weeping Forsythia. 6-8 ft.

Per 10 Per 100 Per 1000

Slender pendulous branches. Golden yellow flowers in April.

200	2 to 3 feet	\$ 6.00	\$ 55.00	\$ -----
70	3 to 4 feet	7.00	65.00	-----

HONEYSUCKLE, *Lonicera**bella albida*, White Belle Honeysuckle. 10-12 ft.

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

100	12 to 18 inches	2.90	25.00	-----
330	18 to 24 inches	4.00	35.00	-----

bella rosea, Pink Belle Honeysuckle. 7-8 ft.

Hardy, spreading medium grower. Attractive pink flowers, red fruit.

60	18 to 24 inches	4.00	35.00	-----
60	2 to 3 feet	5.00	45.00	-----
15	3 to 4 feet	6.00	-----	-----

Cardinal (No. 101)

An improved type of tatarian Honeysuckle. Bright pink, flowers April-May. Bright red fruit.

200	12 to 18 inches	2.90	25.00	-----
700	18 to 24 inches	4.00	35.00	300.00

grandiflora rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright Honeysuckles. Hardy, strong, upright grower.

400	18 to 24 inches	3.80	35.00	300.00
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Morrow Honeysuckle, *morrowi*. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

150	18 to 24 inches	4.00	35.00	-----
300	2 to 3 feet	5.00	45.00	400.00
1000	3 to 4 feet	6.00	55.00	500.00
380	4 to 5 feet	7.00	65.00	-----

Pink Tatarian, *tatarica rosea*. 10-12 ft.

Hardy, vigorous grower. Pink flowers. April-May. Red fruit.

400	18 to 24 inches	4.00	35.00	-----
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Red Tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

200	12 to 18 inches	2.90	25.00	-----
440	18 to 24 inches	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE—Continued

<i>virginalis alba</i> , Maiden Honeysuckle. 8-10 ft.		Per 10	Per 100	Per 1000
Hardy, upright grower. Flowers white, April-May.				
1600	12 to 18 inches	\$ 2.40	\$ 20.00	\$180.00
2000	18 to 24 inches	3.20	28.00	250.00

zabeli, Zabel Honeysuckle. 8-10 ft.

An improved strain of red tatarian Honeysuckle.

100	18 to 24 inches	4.00	35.00	-----
100	2 to 3 feet	5.00	45.00	-----

HYDRANGEA arborescens grandiflora, Snowhill. 5-6 ft.

1800	12 to 18 inches	3.20	28.00	250.00
200	18 to 24 inches	4.50	40.00	-----
600	2 to 3 feet	5.50	50.00	450.00
190	3 to 4 feet	7.00	65.00	-----

Blue Prince, See Page 57

paniculata grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn. July-October.

1100	12 to 18 inches	3.20	28.00	250.00
1400	18 to 24 inches	4.50	40.00	350.00
870	2 to 3 feet	5.50	50.00	-----

ILEX verticillata, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

70	9 to 12 inches	2.90	25.00	-----
100	12 to 18 inches	4.50	40.00	-----

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

500	12 to 18 inches	3.50	30.00	270.00
500	18 to 24 inches	5.50	50.00	450.00

LILAC *Syringa*. 12-15 ft.

French Lilacs, Named varieties.

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

12 to 18 inches	4.50	40.00	-----
18 to 24 inches	6.50	60.00	-----
2 to 3 feet	8.50	80.00	-----
3 to 4 feet	11.00	100.00	-----

s-Single

d-Double

	3-4'	2-3'	18-24"	12-18"
Alphonse Lavalle, d lilac	-----	-----	160	70
Belle de Nancy, d rose, white center	80	170	300	180
Glorie de Moulins, s pink	-----	10	-----	-----
Hugo Koster, s lilac	-----	-----	420	120
Mme. Lemoine, d white	-----	-----	-----	60
Marie Legraye, s white	-----	-----	-----	50
Mrs. W. E. Marshall, s reddish purple	30	-----	-----	-----
Pres. Carnot, d orchid pink	-----	-----	240	-----
President Grevy, d bluish lilac	-----	-----	-----	600
Waldeck Rousseau, d lilac pink	-----	-----	30	-----

ORNAMENTAL SHRUBS—Continued

LILAC—Continued

Common Purple, vulgaris. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

		Per 10	Per 100	Per 1000
1000	9 to 12 inches	\$ 2.10	\$ 18.00	\$150.00
700	12 to 18 inches	2.90	25.00	220.00

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, rich amaranth purple flowers. April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

		Per 10	Per 100	Per 1000
1600	12 to 18 inches	\$ 3.20	\$ 28.00	\$250.00
600	18 to 24 inches	4.50	40.00	350.00
1000	2 to 3 feet	5.50	50.00	450.00
400	3 to 4 feet	6.50	60.00	550.00

Persian Purple, see Lilac Rothomagensis.

We recommend use of Rothomagensis which is similar in habit of growth but produces superior flowers and foliage.

Persian White, persica alba. 6-7 ft.

		Per 10	Per 100	Per 1000
	White flowering variety of Persian Lilac.			
80	18 to 24 inches	\$ 5.00	\$ 45.00	\$ ----
200	2 to 3 feet	6.50	60.00	550.00
200	3 to 4 feet	8.00	75.00	----

villosa. Late Lilac. 8-10 ft.

Bushy compact grower. Large, attractive leaves, pale pink flowers.

160	9 to 12 inches	2.10	18.00	----
580	12 to 18 inches	3.20	28.00	250.00
400	18 to 24 inches	4.50	40.00	350.00
800	2 to 3 feet	5.50	50.00	450.00
190	3 to 4 feet	7.00	65.00	600.00

PHILADELPHUS, Mockorange

amalthae. 5-6 ft.

Outstanding Philadelphus with large single white flowers with pink center

180	12 to 18 inches	4.00	35.00	----
270	18 to 24 inches	5.50	50.00	----
80	2 to 3 feet	6.50	60.00	----

coronarius, Sweet Mockorange. 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

400	9 to 12 inches	2.10	18.00	150.00
460	12 to 18 inches	2.90	25.00	220.00
1600	18 to 24 inches	4.50	40.00	350.00

Enchantment. 7-8 ft.

Double white flowers in thick panicles similar to Bouquet Blanc.

140	12 to 18 inches	3.20	28.00	----
240	18 to 24 inches	4.50	40.00	----

virginialis, Virginal Mockorange. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season beginning in May.

1300	12 to 18 inches	3.20	28.00	250.00
3200	18 to 24 inches	4.50	40.00	350.00
470	2 to 3 feet	5.50	50.00	----

ORNAMENTAL SHRUBS—Continued

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft. Per 10 Per 100 Per 1000
 Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

190	12 to 18 inches	\$ 2.90	\$ 25.00	\$ -----
200	2 to 3 feet	5.00	45.00	-----
600	3 to 4 feet	6.00	55.00	-----

Goldleaf Ninebark, opulifolius luteus (aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

1100	9 to 12 inches	2.10	18.00	-----
1600	12 to 18 inches	2.90	25.00	220.00
800	18 to 24 inches	4.00	35.00	-----
900	2 to 3 feet	5.00	45.00	400.00
30	3 to 4 feet	6.00	55.00	-----

PRIVET — Ligustrum

Amoor North, amurense. 12-15 ft.

Per 10 Per 100 Per 1000

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

4000	12 to 18 inches, 2 canes and up	\$ -----	\$ 9.00	\$ 80.00
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Ibolum, Hardy California. 8-10 ft.

Upright, vigorous with foliage similar to California but much hardier.

3000	18 to 24 inches, 3 canes and up	-----	16.50	140.00
2500	2 to 3 feet, 4 canes and up	-----	21.00	180.00

Ibota vicari, Hardy Golden Ibota Privet. 3-6 ft.

New hardy Privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub, or for hedging.

400	18 to 24 inches	5.00	45.00	-----
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Lodense. 2½ ft.

Very compact, dwarf form.

300	9 to 12 inches	1.80	15.00	-----
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Regel, regelianum. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

900	9 to 12 inches	1.90	15.00	120.00
3400	12 to 18 inches	2.80	24.00	220.00
3500	18 to 24 inches	4.50	40.00	350.00
2100	2 to 2½ feet	5.50	50.00	450.00
130	2½ to 3 feet	6.50	60.00	-----

vulgare, European Privet. 8-10 ft.

Available Spring 1954 only.

A hardy vigorous strain of European Privet carrying dark green foliage, hanging on late in autumn.

5200	9 to 12 inches, branched	-----	9.00	80.00
1400	2 to 3 feet, 2 and 3 canes	-----	18.00	150.00
300	3 to 4 feet, 4 canes and up	-----	22.50	200.00

PRUNUS, Ornamental Plums. (See Deciduous Trees).

ORNAMENTAL SHRUBS—Continued

RHUS canadensis (aromatica). Fragrant Sumac. 5-6 ft. Per 10 Per 100 Per 1000
 Aromatic shrub. Small yellowish flowers April-May, followed by red berries.
 70 12 to 18 inches.....\$ 3.20 \$ ---- \$ ----

cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers. July-August, making a fine specimen.

80	9 to 12 inches.....	2.90	25.00	----
300	12 to 18 inches.....	5.00	45.00	400.00

glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries. Aug.-Sept.

200	12 to 18 inches.....	2.10	18.00	----
240	18 to 24 inches.....	2.90	25.00	----
70	2 to 3 feet.....	4.00	35.00	----

typhina, Staghorn Sumac. 15-25 ft.

Greenish flowers in dense terminal panicles, clusters of crimson berries.

150	12 to 18 inches.....	2.10	18.00	----
170	18 to 24 inches.....	2.90	25.00	----

typhina laciniata, Cutleaf Staghorn Sumac. 20-25 ft.

Rapid grower, attractive, long feathery leaves finely cut.

50	12 to 18 inches.....	2.10	18.00	----
30	18 to 24 inches.....	2.90	25.00	----

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

2000	12 to 15 inches.....	2.25	19.00	170.00
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Pussy, Salix discolor. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.

260	12 to 18 inches.....	2.10	18.00	150.00
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SNOWBALL. (See Viburnum)**SPIREA, arguta, Garland Spirea. 5-6 ft.**

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

60	18 to 24 inches.....	4.00	35.00	----
80	2 to 3 feet.....	5.00	45.00	----

Billiard Spirea, billiardi. 5-6 ft.

Bright pink flowers in spikes. July-September.

300	12 to 18 inches.....	2.90	25.00	220.00
900	18 to 24 inches.....	4.00	35.00	300.00
360	2 to 3 feet.....	5.00	45.00	----
120	3 to 4 feet.....	6.50	60.00	----

Blue Mist, Spirea (See Caryopteris)**Froebel Spirea. 4 ft.**

Vigorous, spreading grower. Bright pink flowers. May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

200	9 to 12 inches.....	2.10	18.00	----
100	12 to 18 inches.....	2.90	25.00	----

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

japonica ovalifolia, Japanese White (*Callosa Alba*). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

	Per 10	Per 100	Per 1000
200 12 to 15 inches.....	\$ 4.50	\$ 40.00	\$ -----
700 15 to 18 inches.....	5.50	50.00	-----
200 18 to 24 inches.....	6.50	60.00	-----

opulifolius, Ninebark. (See *Physocarpus*.)*Thunbergi*, *Spiraea thunbergi*. 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers. April.

800 12 to 18 inches.....	2.90	25.00	220.00
900 18 to 24 inches.....	4.50	40.00	350.00

Vanhoutte, *Spiraea van houttei*. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

6200 18 to 24 inches.....	3.20	28.00	240.00
8400 2 to 3 feet.....	4.00	35.00	300.00

SUMAC. (See *Rhus*)

SYMPHORICARPOS, Snowberry

alba, (*racemosus*) Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

300 18 to 24 inches.....	2.50	22.00	200.00
400 2 to 3 feet.....	3.20	28.00	250.00

chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

100 2 to 3 feet.....	3.50	30.00	---
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vulgaris, (*orbiculatus*) Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

500 12 to 18 inches.....	1.90	16.00	140.00
2300 18 to 24 inches.....	2.50	22.00	200.00
1400 2 to 3 feet.....	3.20	28.00	250.00

TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	300.00
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	5.50	50.00	450.00

SILVER FOLIAGE VARIETIES

	3-4'	2-3'	18-24"	12-18"
<i>amurensis</i>	60	500	400	175
<i>hispida</i>	300	700	2200	1600
<i>odessana</i>	25	730	780	540

GREEN FOLIAGE VARIETIES

	3-4'	2-3'	18-24"	12-18"
<i>africana</i>	---	380	600	150
<i>gallica indica</i>	---	470	500	275

ORNAMENTAL SHRUBS—Continued

✓ **VIBURNUM, opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.**

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

	Per 10	Per 100	Per 1000
80 9 to 12 inches.....	\$ 2.40	\$ 20.00	\$ -----
600 12 to 18 inches.....	3.50	30.00	250.00
1100 18 to 24 inches.....	5.00	45.00	400.00

opulus sterile, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

1600 12 to 18 inches.....	4.00	35.00	300.00
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WEIGELA BRISTOL RUBY

Plant Patent No. 492

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

	Per 10	Per 100	Per 1000
600 12 to 18 inches (Retail \$1.50 each).....	\$ 5.00	\$ 45.00	\$ -----
900 18 to 24 inches (Retail \$2.00 each).....	8.00	60.00	-----
600 2 to 3 feet (Retail \$2.50 each).....	9.00	80.00	-----

WEIGELIA Candida, Snowy Weigela. 7-8 ft.

Attractive greenish-white flowers. May-June.

	Per 10	Per 100	Per 1000
300 18 to 24 inches.....	\$ 5.00	\$ 45.00	\$ -----
800 2 to 3 feet.....	6.00	55.00	500.00
800 3 to 4 feet.....	7.00	65.00	600.00

Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers May-June.

500 9 to 12 inches.....	2.40	20.00	170.00
1800 12 to 18 inches.....	3.50	30.00	270.00
1100 18 to 24 inches.....	5.00	45.00	400.00
100 2 to 3 feet.....	6.00	55.00	500.00

Dwarf Variegated, nana variegata. 5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers. May-June.

600 9 to 12 inches.....	2.90	25.00	-----
1200 12 to 18 inches.....	3.50	30.00	-----

rosea, (florida) Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers. May-June.

1100 9 to 12 inches.....	2.10	18.00	150.00
1200 12 to 18 inches.....	3.20	28.00	250.00
1800 18 to 24 inches.....	4.50	40.00	350.00
300 2 to 3 feet.....	5.50	50.00	450.00
600 3 to 4 feet.....	7.00	65.00	600.00

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, Berberis thunbergi, Japanese Barberry.

4000 12 to 18 inches, 2 year seedlings, branched.....	11.00	100.00
1000 18 to 24 inches, 2 year seedlings, branched.....	16.00	140.00
1000 12 to 15 inches, trans'd, 2 year branched, bushy.....	22.50	200.00

BUCKTHORN CATHARTICA, Rhamnus cathartica.

2000 12 to 18 inches.....	4.50	40.00
800 2 to 3 feet.....	7.00	60.00
2000 3 to 4 feet.....	9.00	80.00

HEDGING—Continued

CARAGANA, aborescens, Siberian Peatree.

	Per 10	Per 100	Per 1000
5000 12 to 18 inches, seedlings.....	\$ ----	\$ 3.50	\$ 30.00

ELM CHINESE. (See Deciduous Tree Seedlings).**MULBERRY, Russian, Morus tatarica.**

3000 18 to 24 inches.....	2.90	25.00
6000 2 to 3 feet.....	4.50	40.00
3000 3 to 4 feet.....	6.50	60.00

PRIVET. (See Shrubs.)**SPIREA Vanhoutte.**

4000 10 to 15 inches.....	8.50	75.00
1000 12 to 18 inches.....	12.00	100.00
1000 18 to 24 inches.....	15.50	140.00



VINES

Tied 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle.

AMPELOPSIS, Boston Ivy, Parthenocissus tricuspidata (veitchi). 30-40 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

	Per 10	Per 100	Per 1000
700 2 year Medium	\$ 3.50	\$ 30.00	\$270.00
300 2 year No. 1	4.50	40.00	-----
120 3 year No. 1	5.50	50.00	-----

Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

200 2 year Medium	2.90	25.00	-----
120 2 year No. 1	3.50	30.00	-----

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

1200 2 year Medium	2.90	25.00	220.00
400 2 year No. 1	3.50	30.00	270.00
260 3 year No. 1	4.00	35.00	-----

BIGNONIA, (Campsis) radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

1300 2 year Medium	2.90	25.00	-----
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CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

800 2 year Medium	2.90	25.00	220.00
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scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

240 2 year Medium	2.90	25.00	-----
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HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

1100 2½ inch pot plants	1.80	15.00	-----
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HONEYSUCKLE, Lonicera**Hall's Japan, japonica halleana. 20-25 ft.**

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

500 2 year Medium	2.10	18.00	-----
1400 2 year No. 1	2.60	22.50	200.00

heckrottii, (Summer King). 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

200 2 year Medium	4.00	35.00	-----
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Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

100 2 year Medium	2.90	25.00	-----
400 2 year No. 1	3.50	30.00	270.00
300 3 year No. 1	4.00	35.00	-----

tellmanniana, Golden Giant Honeysuckle.

This desirable hybrid with its rich yellow blooms, shaded bronzy red, is free flowering and vigorous in growth.

240 2 year No. 1	5.50	50.00	-----
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POLYGONUM auberti, Silvertine Fleeceflower. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

400 2 year Medium	3.50	30.00	-----
100 2 year No. 1	4.50	40.00	-----

WISTERIA, American frutescens. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers. June-July.

500 2 year Medium, grown from blooming wood	2.90	25.00	-----
200 2 year No. 1, grown from blooming wood	4.00	35.00	-----
300 3 year No. 1, grown from blooming wood	4.50	40.00	-----

EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Height specified after variety indicates height tree should obtain at maturity.

WE CANNOT ASSUME RESPONSIBILITY FOR THE SUCCESSFUL TRANS-PLANTING OF EVERGREENS, AS WEATHER CONDITIONS, METHOD OF HANDLING AND CARE GOVERN RESULTS SECURED AND ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CON-DITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES.

IOWA STATE COLLEGE INTRODUCTIONS

The following varieties were introduced by the late Professor T. J. Maney of Iowa State College. These varieties have been tested and proven of superior quality for hardiness. We recommend them highly.

JUNIPER, *Juniperus*

CHINENSIS AMES

The body of this variety is broad, tapering to a pointed terminal top. Outstanding green color. Upright.

	Per 10	Per 100
18 to 24 inches.....	\$37.50	\$ ----
2 to 2½ feet.....	42.50	-----
2½ to 3 feet.....	47.50	-----

CHINENSIS MANEYI

A valuable hardy prostrate variety that can be used in shaded areas where other varieties do not do well.

2 to 2½ feet.....	42.50	400.00
2½ to 3 feet.....	47.50	450.00
3 to 3½ feet.....	55.00	500.00
3½ to 4 feet.....	65.00	-----

CHINENSIS COLUMNARIS GLAUCA

Per 10 Per 100

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

5 to 6 feet.....	\$ 77.50	\$ ----
6 to 7 feet.....	87.50	850.00
7 to 8 feet.....	110.00	1000.00

CHINENSIS PFITZERIANA, Pfitzer Juniper. 5-6 ft.

Handsome gray green foliage. A valuable hardy prostrate variety succeeding almost everywhere.

2 to 2½ feet.....	45.00	-----
2½ to 3 feet (Sheared Upright).....	55.00	-----
3 to 3½ feet (" ").....	65.00	-----
3½ to 4 feet (" ").....	75.00	-----

EVERGREENS—Continued**JUNIPER—Continued****CHINENSIS PFITZERIANA AUREA. Golden Pfitzer.** Per 10 Per 100

Golden type of Pfitzer with bright yellow foliage on new growth.

18 to 24 inches.....	\$35.00	\$
2 to 2½ feet.....	40.00	.....

CHINENSIS PFITZERIANA HETZII GLAUCA

Blue type of Pfitzer. A new prostrate of merit.

18 to 24 inches.....	32.50	300.00
2 to 2½ feet.....	37.50	350.00
2½ to 3 feet.....	42.50	400.00
3 to 3½ feet.....	47.50	450.00

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

18 to 24 inches.....	30.00	.....
2 to 2½ feet.....	35.00	325.00

COMMUNIS HIBERNIA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

2 to 3 feet.....	27.50	250.00
3 to 4 feet.....	35.00	325.00
4 to 5 feet.....	42.50	400.00

SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy. Seedling type.

2½ to 3 feet.....	37.50	350.00
3 to 3½ feet.....	45.00	425.00
3½ to 4 feet.....	52.50	500.00
4 to 4½ feet.....	60.00	.....
12 x 12 inches (Globe Sheared).....	17.50	.....
15 x 15 inches (" ").....	22.50	.....
18 x 18 inches (" ").....	27.50	.....

VIRGINIANA, Red Cedar.

Platte River Strain. Deep green foliage, sometimes silver. Excellent globe tree if kept sheared. Can be sheared into any form.

2 to 3 feet.....	30.00	275.00
3 to 3½ feet.....	37.50	350.00
3½ to 4 feet.....	47.50	450.00
4 to 5 feet.....	55.00	525.00

SPRUCE, Picea**CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.**

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

18 to 24 inches.....	27.50	250.00
2 to 2½ feet.....	32.50	300.00
2½ to 3 feet.....	37.50	350.00



EVERGREENS FOR LINING OUT

The make up and handling of this line of stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

SHIPMENT—DIRECT FROM FREMONT, NEBRASKA. ORDER EARLY.

Root pruned grades are available for **SPRING ONLY.**

50 of any variety and size at the hundred rate.

KEY—TTT—Three times transplanted.

RP—Root Pruned

OUR ROOT PRUNED STOCK WILL PLEASE YOU

ABIES DOUGLASI, Douglas Fir.	Per 10	Per 100
9 to 12 inches TTT	\$ 4.00	\$ 35.00
JUNIPERUS ANDORRA PLUMOSA, Andorra Juniper.		
12 to 15 inches TTT.....	7.50	70.00
JUNIPER PFITZERIANA, Pfitzer Juniper		
15 to 18 inches TTT.....	12.00	110.00
12 to 15 inches TTT.....	8.50	80.00
9 to 12 inches TTT.....	6.50	60.00
6 to 9 inches TTT.....	4.50	40.00
JUNIPERUS SABINA, Savins Juniper.		
15 to 18 inches TTT.....	11.50	105.00
12 to 15 inches TTT.....	8.00	75.00
9 to 12 inches TTT.....	6.00	55.00
JUNIPER SCOPULORUM, Silver Cedar		
12 to 18 inches R.P.....	3.00	25.00
9 to 12 inches R.P.....	1.50	12.00
6 to 9 inches R.P.....	1.20	10.00
4 to 6 inches R.P.....	.80	7.50
JUNIPER VIRGINIANA, Red Cedar		
2 to 3 feet TTT.....	7.50	65.00
18 to 24 inches TTT.....	6.00	50.00
12 to 18 inches R.P.....	2.00	18.00
9 to 12 inches R.P.....	1.20	10.00
6 to 9 inches R.P.....	1.00	8.00
4 to 6 inches R.P.....	.60	5.00
PICEA CANADENSIS ALBA, White Spruce.		
12 to 15 inches R.P.....	1.80	15.00
9 to 12 inches R.P.....	1.30	10.00
6 to 9 inches R.P.....	.90	7.00
4 to 6 inches R.P.....	.70	5.00
PICEA EXCELSA, Norway Spruce.		
9 to 12 inches R.P.....	1.20	9.00
6 to 9 inches R.P.....	.90	7.00
4 to 6 inches R.P.....	.70	5.00
12 to 15 inches TTT.....	5.00	45.00
9 to 12 inches TTT.....	3.50	30.00
PICEA GLAUCA DENSATA, Black Hill Spruce.		
12 to 15 inches TTT.....	6.50	60.00
9 to 12 inches TTT.....	4.50	40.00
6 to 9 inches TTT.....	3.00	25.00
PINUS BANKSIANA, Jack Pine.		
18 to 24 inches R.P.....	2.50	20.00
12 to 18 inches R.P.....	2.00	15.00
9 to 12 inches R.P.....	1.00	8.00

EVERGREENS FOR LINING OUT—Continued

		Per 10	Per 100
PINUS MUGHUS, Mugho Pine			
4 to 6 inches R.P.	-----	\$ 1.50	\$ 12.00
3 to 4 inches R.P.	-----	1.00	8.00
PINUS NIGRA, Austrian Pine.			
12 to 18 inches R.P.	-----	3.00	25.00
9 to 12 inches R.P.	-----	1.20	10.00
6 to 9 inches R.P.	-----	.90	7.00
4 to 6 inches R.P.	-----	.50	4.00
PINUS PONDEROSA, Bull or Western Yellow Pine			
18 to 24 inches R.P.	-----	3.50	30.00
12 to 18 inches R.P.	-----	3.00	25.00
PINUS STROBUS, Northern White Pine.			
18 to 24 inches R.P.	-----	3.50	\$ 30.00
12 to 18 inches R.P.	-----	3.00	25.00
9 to 12 inches R.P.	-----	1.20	10.00
6 to 9 inches R.P.	-----	.90	7.00
4 to 6 inches R.P.	-----	.70	5.00
PINUS SYLVESTRIS, Scotch Pine.			
18 to 24 inches R.P.	-----	3.00	25.00
12 to 18 inches R.P.	-----	2.00	17.00
9 to 12 inches R.P.	-----	1.00	8.00
6 to 9 inches R.P.	-----	.80	6.00
THUJA OCCIDENTALIS, American Arbor Vitae.			
9 to 12 inches R.P.	-----	1.20	10.00
6 to 9 inches R.P.	-----	1.00	8.00
THUJA OCCIDENTALIS WOODWARDI, Woodward's Globe.			
12 to 15 inches TTT	-----	8.50	80.00
9 to 12 inches TTT	-----	5.00	45.00
THUJA ORIENTALIS, Chinese Arbor Vitae.			
12 to 18 inches R.P.	-----	1.50	12.00
9 to 12 inches R.P.	-----	1.00	8.00
6 to 9 inches R.P.	-----	.70	6.00

**JUNIPER PFITZERIANA**

Our Pfitzer Juniper are frequently sheared, developing into compact heavy well furnished plants.

ROSES

Northern California Grown Under Irrigation

All our Roses are grown under irrigation at our own Rose Ranch in Northern California where heavy frosts naturally ripen the bushes to insure perfect storage and vigorous growth when transplanted. Liberally graded by experienced men. Our modern cold storage facilities preserve these bushes in perfect dormant condition. This superior quality costs no more.

New Services To Our Customers

1. If you request it on your order, we will supply without charge, copper wired printed wood labels for each non-patented rose purchased from us.
2. Large 4-color pictures of most varieties of roses purchased from us, will be supplied at cost. Ask our Salesmen or write us.

All Roses are tied No. 1 and No. 1½, 10 per bundle. No. 2, 25 per bundle. We do not break bundles.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00

RED SHADES

	No. 1	No. 1½	No. 2
Ami Quinard , velvety crimson-maroon, vigorous and profuse.	200	---	---
Christopher Stone , free blooming plant producing fragrant, velvety-textured roses of vivid-scarlet deliciously scented.	---	830	---
Crimson Glory , well known deep velvety-crimson of merit.	---	300	---
E. G. Hill , great massive blooms of deep velvety-maroon.	400	60	---
Ena Harkness , Famous English award winner producing crimson-scarlet blooms. Holds color well.	---	100	---
Etoile de Hollande , dark velvety-red with fine fragrance.	---	100	150
Grenoble , long-stemmed beautifully shaped blooms of scarlet-crimson.	---	50	---
Gruss an Teplitz , medium sized, dark maroon blooms in clusters. Very hardy.	600	300	200
Margaret McGredy , full blooms of orange-scarlet.	320	---	---
McGredy's Scarlet , large brilliant shaded rose-pink.	60	---	---
Nigger Boy , double, high-centered, fragrant. Dark velvety, blackish maroon.	80	80	---
Poinsettia , bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.	600	---	---
Radiance Red , bright rose-red, form of Radiance.	700	---	---

PINK SHADES

Betty Uprichard , salmon-pink stained with coppery-red.	240	---	---
Briarcliff , handsome flowers of silvery rose-pink.	260	90	---
Dame Edith Helen , excellent shape, glowing pink, double ..	100	40	---
Editor McFarland , shapely buds and double, brilliant pink blooms.	300	---	---
Numa Fay , large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.	840	800	400
Picture , velvety-clear rose-pink with undertones of salmon. Very double.	300	600	1600
Pink Dawn , perfectly formed, pink buds touched with salmon-rose.	---	360	100
Radiance Pink , large, brilliant rose-pink. Very fragrant.	600	200	---
The Doctor , large, beautiful buds opening to enormous semi-double, cupped flowers of satiny-pink. Fragrant. Plant vigorous and bushy.	---	400	100

ROSES—Continued**HYBRID TEA AND EVERBLOOMING—Continued****YELLOW SHADES**

	No. 1	No. 1½	No. 2
Golden Dawn , bud rich sunflower-yellow flushed old rose. Double.	---	120	---
Joanna Hill , large, yellow with bronze shadings in center. Fragrant, vigorous.	600	100	---
McGredy's Yellow , bright buttercup yellow with perfect form. Fragrant.	800	100	---
Mrs. E. P. Thom , large, well shaped, bright canary yellow. ...	750	100	---
Mrs. Pierre S. duPont , bud reddish-gold, flower golden-yellow, lighter with age.	750	---	---
Phyllis Gold , bright yellow with good form.	500	100	---
Soeur Therese , double blooms of rich yellow. Vigorous.	900	720	---
Yellow Sastago , vigorous yellow sport of the popular bush variety.	600	---	---

TWO-TONED SHADES

Autumn , double blooms of orange, yellow and red. Vigorous and upright.	200	100	---
Condesa de Sastago , deep coppery-pink inside, golden-yellow reverse; double. Vigorous and prolific.	900	60	400
Contrast , long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.	---	80	---
Duquesa de Penaranda , beautiful deep apricot.	---	200	---
Hinrich Gaede , bright vermilion toned gold; good form; fragrant, a distinct and excellent variety.	200	240	---
Mme. Joseph Perraud , high-centered, perfectly formed buds and double blooms shading from shell-pink at the edges to buff and orange in the center. An excellent variety of superior quality.	---	60	---
Mrs. Sam McGredy , a large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.	100	280	800
Pres. Herbert Hoover , beautifully colored buds and blooms of yellow with pink and flame tints.	800	---	---
Talisman , glowing golden-yellow stained copper red.	600	100	---

WHITE SHADES

Caledonia , large double white; long buds opening to large, double flowers.	300	400	300
K. A. Viktoria , popular, snowy white, double.	800	300	100
McGredy's Ivory , large, well shaped, creamy-white; fragrant.	700	400	400
Mme. Jules Bouche , white with blush tints in center.	600	100	---
Snowbird , most prolific, pure white bedding roses. Full-petaled and perfectly formed.	490	600	850

HYBRID PERPETUAL

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00

RED SHADES

	No. 1	No. 1½	No. 2
Ulrich Brunner , large, fine shaped blossoms of cherry red. ...	300	---	300

WHITE SHADES

Frau Karl Druschki , very popular large pure white.	1040	100	200
---	------	-----	-----

ROSES—Continued

BABY ROSES—Dwarf Polyantha and Floribunda

	Per 10	Per 100	Per 1000	
No. 1	\$ 6.50	\$ 60.00	\$ ----	
No. 1½	5.25	47.50	425.00	
No. 2	4.00	35.00	300.00	
		No. 1	No. 1½	No. 2
*Alain, bright carmine-red blooms come in clusters all over the densely branching plants; a good clear, lasting color. Semi-double, with large, bright golden centers. Thick foliage on strong green stems and husky plants. 2½ feet tall.				
			240	---
Baby Chateau, deep red massive blooms. One of the best of its type.				
			100	---
*Cameo, a distinct shade of shell-pink and salmon, with a glow of gold.				
	100			---
Cheer, ovoid orange-pink, with large blooms about four inches, opening gracefully in large clusters. Vigorous, prolific.				
	140	40		---
*Dagmar Spaeth, alabaster white edged pink.				
	700	300		600
*Else Poulsen, bright, rose-pink, semi-double, lasting.				
	500			---
*Eutin, large clusters of very double, deep red flowers on a vigorous mildew resistant bush.				
				800
*Floradora, scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 award.				
				600
*Frensham, large, semi-double, slightly fragrant, deep crimson. Foliage dark, leathery. Very vigorous, bushy; abundant bloom.				
				400
Gloria Mundi, large, fully double, lasting, orange-scarlet, borne in clusters.				
		180		---
*Kirsten Poulsen, bright scarlet in clusters on long stems.				
	100			---
*Lafayette Improved, large clusters of bright cherry-crimson.				
		300		1200
Orange Triumph, salmon-red with orange shadings, blooming in enormous clusters.				
	100			---
Permanent Wave, large semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish.				
	300			50
*Pink Gruss an Aachen, deep salmon rose colored sport of Gruss an Achen.				
				50
Poulsen's Bedder, strong upright plant attaining a height of about 3 ft., producing masses of big, slightly ruffled blooms of clear rich pink. Long lasting.				
	550			---
*Red Ripples, flowers semi-double, open, slightly fragrant, oxblood-red to carmine.				
		500		---
Rochester, bud long-pointed, orange with carmine markings; flower large, fragrant, buff, reverse orange-carmine.				
	180	650		---
*Rose Elfe (Rosenelfe), very large, double, high-centered, La France pink; cluster on long, strong stem.				
	140	300		---
Triomphe Orleanais, large clusters of cherry-red.				
	700	600		300

*FLORIBUNDA AND HYBRID POLYANTHA VARIETIES.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
Amelia Gravereaux, carmine-red, borne on long stem.			
300 2 to 3 feet.....	\$ 6.50	\$ 60.00	\$
200 18 to 24 inches.....	6.00	55.00	---
200 12 to 18 inches.....	5.00	45.00	---
Carolina, bright rose-pink flowers, borne singly in clusters.			
80 2 to 3 feet.....	5.50	50.00	---
300 18 to 24 inches.....	4.50	40.00	---
170 12 to 18 inches.....	3.50	30.00	---

ROSES—Continued

RUGOSA, HYBRID AND MISCELLANEOUS—Continued

		Per 10	Per 100	Per 1000
F. J. Grootendorst, small bright red flowers in clusters.				
500	2 to 3 feet.....	\$ 7.00	\$ 65.00	\$600.00
200	18 to 24 inches.....	6.00	55.00	500.00
1600	12 to 18 inches.....	5.00	45.00	400.00
Grootendorst Pink, charming pink variety of Grootendorst.				
800	2 to 3 feet.....	7.00	65.00	600.00
700	18 to 24 inches.....	6.00	55.00	500.00
900	12 to 18 inches.....	5.00	45.00	400.00
Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.				
600	2 to 3 feet.....	7.00	65.00	600.00
200	18 to 24 inches.....	6.00	55.00	500.00
Hansa, double, reddish flowers of large size.				
300	2 to 3 feet.....	7.00	65.00	600.00
600	18 to 24 inches.....	6.00	55.00	500.00
1200	12 to 18 inches.....	5.00	45.00	400.00
Hugonis, light yellow flowers borne profusely along the branches. Very hardy, blooms very early.				
600	3 to 4 feet.....	8.00	75.00	700.00
1000	2 to 3 feet.....	6.50	60.00	550.00
800	18 to 24 inches.....	5.50	50.00	450.00
600	12 to 18 inches.....	4.00	35.00	320.00
Lucida, bright pink flowers followed by shining red fruit.				
260	2 to 3 feet.....	5.50	50.00	-----
100	18 to 24 inches.....	4.50	40.00	-----
50	12 to 18 inches.....	3.50	30.00	-----
Mrs. Anthony Waterer, double crimson, Rugosa foliage.				
600	2 to 3 feet.....	6.50	60.00	-----
300	18 to 24 inches.....	5.50	50.00	-----
100	12 to 18 inches.....	4.50	40.00	-----
Rugosa Rubra, large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
1060	2 to 3 feet.....	7.00	65.00	600.00
600	18 to 24 inches.....	6.00	55.00	500.00
400	12 to 18 inches.....	5.00	45.00	400.00
Sarah Van Fleet, large, very fragrant, lasting, wild-rose pink flowers.				
500	2 to 3 feet.....	6.50	60.00	-----
300	18 to 24 inches.....	6.00	55.00	-----
100	12 to 18 inches.....	5.00	45.00	-----
Sir Thomas Lipton, double snowy white flowers of good size.				
200	18 to 24 inches.....	5.50	50.00	450.00
800	12 to 18 inches.....	4.50	40.00	350.00
Skyrocket (Wilhelm), Shrub rose with pointed buds opening to large single red flowers borne in large clusters; fragrant. Blooms from June to October.				
900	2 to 3 feet.....	6.50	60.00	550.00
700	18 to 24 inches.....	5.50	50.00	450.00
200	12 to 18 inches.....	4.50	40.00	350.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

CLIMBERS AND RAMBLERS

Our Climbing Roses are California grown, mostly own roots, excepting Climbing Hybrid Teas are Buds. They are well furnished plants, well graded and we are confident they will please.

Aloha—See patented Roses for prices and descriptions. Per 10 Per 100 Per 1000

American Pillar, single rose pink, white center, vigorous.

600 No. 1	\$ 5.50	\$ 50.00	\$ -----
200 No. 1½	4.50	40.00	-----
50 No. 2	3.50	30.00	-----

Blaze, Hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer, Scarlet Crimson flower.

3600 No. 1	6.50	60.00	550.00
800 No. 1½	5.50	50.00	450.00

Brownell Hardy Climbers—See patented Roses for prices and descriptions.

City of York, Cupped, wild-rose fragrance, creamy white. Foliage glossy, leathery. Very vigorous climbing; profuse bloom.

600 No. 1	6.50	60.00	550.00
460 No. 1½	5.50	50.00	-----
200 No. 2	3.70	32.00	-----

Climbing American Beauty, flowers rich red to Crimson.

2700 No. 1	6.00	55.00	500.00
800 No. 1½	5.00	45.00	400.00
1000 No. 2	3.20	28.00	250.00

Climbing Crimson Glory—See Patented Roses for prices and descriptions.

Climbing Forty-Niner—See Patented Roses for prices and descriptions.

Climbing Goldilocks—See Patented Roses for prices and descriptions.

Climbing Peace—See Patented Roses for prices and descriptions.

Climbing Hybrid Tea.

XX Heavy	7.50	70.00	650.00
No. 1	7.00	65.00	600.00
No. 1½	6.00	55.00	500.00
No. 2	4.50	40.00	350.00

	XX	No. 1	No. 1½	No. 2
Etoile de Hollande	500	400	600	500
Mrs. E. P. Thom	400	200	-----	50
Mrs. P. S. Dupont	400	900	-----	100
Pink Radiance	300	200	-----	-----
Pres. Herbert Hoover	300	1200	800	250
Talisman	800	1100	-----	150

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

	Per 10	Per 100	Per 1000
600 No. 1	\$ 5.00	\$ 45.00	\$ 400.00
900 No. 1½	4.00	35.00	300.00
300 No. 2	2.50	22.00	-----

Dorothy Perkins, soft shell pink flowers.

800 No. 1	4.50	40.00	350.00
100 No. 1½	3.20	28.00	-----
300 No. 2	2.40	20.00	-----

Dr. J. H. Nicolas—See Patented Roses for prices and description.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

		Per 10	Per 100	Per 1000
Dr. Van Fleet , pale pink buds and flowers on long stems.				
60	XX Heavy	\$ 6.50	\$ 60.00	\$ -----
2100	No. 1	6.00	55.00	500.00
2600	No. 1½	5.00	45.00	400.00
1700	No. 2	3.20	28.00	250.00
Excelsa , double scarlet crimson blooms.				
500	No. 1½	3.20	28.00	250.00
200	No. 2	2.40	20.00	-----
Flower of Fairfield , deep crimson, similar to Crimson Rambler.				
800	No. 1	5.00	45.00	-----
400	No. 1½	4.00	35.00	-----
100	No. 2	2.50	22.00	-----
Gardenia , yellow buds and creamy flowers with rich yellow centers.				
1900	No. 1	5.50	50.00	450.00
800	No. 1½	4.50	40.00	350.00
1000	No. 2	2.90	25.00	220.00
King Midas —See Patented Roses for prices and descriptions.				
Mary Wallace , outstanding large flowered pink climber.				
60	No. 1	6.00	55.00	-----
100	No. 1½	5.00	45.00	-----
100	No. 2	3.50	30.00	-----
New Dawn , EVERBLOOMING CLIMBING ROSE. Apple blossom pink flowers with old-rose fragrance.				
1800	No. 1	6.50	60.00	-----
800	No. 1½	5.50	50.00	-----
2100	No. 2	4.00	35.00	-----
Paul's Scarlet , intense scarlet flowers of excellent shape and good size, borne in clusters.				
300	XX Heavy	6.50	60.00	-----
1200	No. 1	6.00	55.00	500.00
1400	No. 1½	5.00	45.00	400.00
Primrose , hardy, double canary-yellow flowers.				
600	No. 1	6.00	55.00	-----
150	No. 2	3.50	30.00	-----
Royal Scarlet , similar to Paul's Scarlet but smaller and deeper in color.				
130	XX Heavy	6.50	60.00	-----
900	No. 1	6.00	55.00	500.00
800	No. 1½	5.00	45.00	400.00
Silver Moon , large buds, creamy white flowers and semi-double golden anthers, small sprays.				
800	No. 1	4.50	40.00	350.00
260	No. 1½	3.50	30.00	270.00
Wichuriana (Memorial Rose) . Clusters of white flowers, trailing habit, glossy leaves, fine ground cover.				
100	No. 1	4.50	40.00	-----
400	No. 1½	3.50	30.00	-----
300	No. 2	2.40	20.00	-----

ROSES—Continued

PATENTED HYBRID TEA ROSES

We are offering the following Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified. Prices are NET.

	10-20 Each	20-100 Each	100-250 Each
American Flagship , Patent No. 676. (Retails \$1.75 each; 3 or more \$1.55 each.) Attractive urn-shaped buds open to high-centered, well formed double flowers of velvet-textured crimson-red, deeply shaded with rich ox-blood tones. Holds color in sun; does not blue; vigorous grower; free bloomer; attractive foliage; black-spot resistant.			
200 No. 1	\$ 1.00	\$.87½	\$.80
300 No. 1½ .....	.80	.70	.64
Applause , Patent No. 829. (Retails \$2.00 each; 3 or more \$1.75 each.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Winner of the much-prized BAGATELLE GOLD MEDAL.			
150 No. 1	1.10	1.00	.95
Capistrano , Patent No. 922. (Retails \$2.25 each; 3 or more \$2.00 each.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, strong heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.			
200 No. 1	1.25	1.12½	1.05
700 No. 1½	1.00	.90	.84
Charlotte Armstrong , Patent No. 455. (Retails \$2.25 each; 3 or more \$2.00 each.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather, A.A.R.S. award for 1941.			
1400 No. 1	1.25	1.12½	1.05
100 No. 1½	1.00	.90	.84
Chrysler Imperial , Patent No. 1167. (Retails \$2.75 each; 3 or more \$2.40 each.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose. Its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like lustre of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 wide petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.			
400 No. 1	1.50	1.37½	1.30
240 No. 1½	1.20	1.10	1.04

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
Diamond Jubilee , Patent No. 824. (Retail \$2.00 each; 3 or more \$1.75 each.) Double, high centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.			
800 No. 1	\$ 1.10	\$ 1.00	\$.95
700 No. 1½ .....	.88	.80	.76
Eclipse , Patent No. 172. (Retail \$1.75 each; 3 or more \$1.55 each.) Long streamlined bud, rich gold without shading.			
600 No. 1	1.00	.87½	.80
400 No. 1½ .....	.80	.70	.64
Forty-Niner , Patent No. 792. (Retail \$2.50 each; 3 or more \$2.20 each.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red, while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals. Mildly fragrant.			
840 No. 1	1.40	1.25	1.20
200 No. 1½	1.12	1.00	.96
Fred Howard , Patent No. 1006. (Retail \$2.50 each; 3 or more \$2.20 each.) Long, rich-yellow buds are tipped with delicate penciling of light pink. Strong, hardy, fully branched; dark shiny foliage; grows high; long stems excellent for cutting; blooms from early spring to late fall. A.A.R.S. award for 1952.			
760 No. 1	1.40	1.25	1.20
160 No. 1½	1.12	1.00	.96
Golden Scepter , Patent No. 910. (Retail \$2.00 each; 3 or more \$1.75 each.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.			
940 No. 1	1.10	1.00	.95
300 No. 1½ .....	.88	.80	.76
Helen Traubel , Patent No. 1028. (Retail \$2.75 each; 3 or more \$2.40 each.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened blooms display the lovely color in a more lavish way. Very vigorous grower. A.A.R.S. award for 1952.			
140 No. 1	1.50	1.37½	---
Horace McFarland , Patent No. 730. (Retail \$2.00 each; 3 or more \$1.75 each.) Named in honor of Dr. J. Horace McFarland. An upright growing vigorous plant producing an abundance of large deep apricot ovoid buds opening to beautifully formed, buff-salmon, spicely scented blooms of 45 petals. A.A.R.S. award for 1945.			
630 No. 1	1.10	1.00	.95
500 No. 1½ .....	.88	.80	.76

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
Katherine T. Marshall , Patent No. 607. (Retails \$1.75 each; 3 or more \$1.55 each.) A rose of rare beauty and delicacy of form — growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.			
670 No. 1	\$ 1.00	\$.87½	\$.80
640 No. 1½ .....	.80	.70	.64
Lowell Thomas , Patent No. 595. (Retails \$2.00 each; 3 or more \$1.75 each.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.			
300 No. 1	1.10	1.00	.95
500 No. 1½ .....	.88	.80	.76
Mary Margaret McBride , Patent No. 537. (Retails \$1.75 each; 3 or more \$1.55 each.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses excellent for cutting. A.A.R.S. award for 1943.			
600 No. 1	1.00	.87½	.80
920 No. 1½ .....	.80	.70	.64
McGredy's Sunset , Patent No. 317. (Retails \$1.75 each; 3 or more \$1.55 each.) The outside of petals is a clear buttercup yellow tipped orange, while the inside is chrome-yellow, flushed scarlet as it opens. Medium size flowers are full with pleasing fragrance and borne on strong upright stems. Sun resistant.			
400 No. 1	1.00	.87½	.80
600 No. 1½ .....	.80	.70	.64
Mirandy , Patent No. 632. (Retails \$2.25 each; 3 or more \$2.00 each.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-Red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.			
200 No. 1½	1.00	.90	.84
Mission Bells , Patent No. 923. (Retails \$2.25 each; 3 or more \$2.00 each.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.			
670 No. 1	1.25	1.12½	1.05
600 No. 1½	1.00	.90	.84

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued		10-20 Each	20-100 Each	100-250 Each
Mme. Henri Guillot , Patent No. 337. (Retail \$2.00 each; 3 or more \$1.75 each.) A charming two-toned rose. The artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base.				
200 No. 1½	-----	\$.88	\$.80	\$.76
Mme. Chiang Kai-shek , Patent No. 664. (Retail \$1.75 each; 3 or more \$1.55 each.) Bud very large, long-pointed; flower unusually large, double (24 to 30 petals), high-centered, lasting. Empire to lemon-yellow turning lighter as the blooms mature on long stems. Vigorous, upright and compact; abundant bloomer. A.A.R.S. award for 1944.				
300 No. 1	-----	1.00	.87½	.80
700 No. 1½	-----	.80	.70	.64
Nocturne , Patent No. 713. (Retail \$2.00 each; 3 or more \$1.75 each.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
400 No. 1	-----	1.10	1.00	.95
100 No. 1½	-----	.88	.80	.76
Peace , Patent No. 591. (Retail \$2.50 each; 3 or more \$2.20 each.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow, to pale golden, to iridescent cream. Petals are edged with apple-blossom pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.				
1600 No. 1	-----	1.40	1.25	1.20
1760 No. 1½	-----	1.12	1.00	.96
Rex Anderson , Patent No. 335. (Retail \$1.75 each; 3 or more \$1.55 each.) An outstanding exhibition rose of delicate, lovely ivory-white. Perfectly formed, slow opening, one of the few successful whites. Flowers fully double and of enormous size.				
240 No. 1½	-----	.80	.70	.64
Rose of Freedom , Patent No. 791. (Retail \$2.00 each; 3 or more \$1.75 each.) Winner CITY OF PORTLAND AWARD for 1947. A Hybrid Tea with beautiful 60 to 70 petaled, long-stemmed, currant-red blooms with delightful true Rose fragrance. The lovely blooms are normally borne singly on strong straight 28 to 32 inch stems. The new wood is usually thornless. It blooms freely, on a vigorous, upright bush with abundant, handsome, disease-resistant foliage. Highest scoring red Rose in 1946-1947 nation wide trials.				
300 No. 1	-----	1.10	1.00	.95

Visitors are always welcome to inspect our rose fields at Gustine, California — 90 miles south and east from San Francisco or 22 miles south from Modesto.

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued		10-20 Each	20-100 Each	100-250 Each
Rubaiyat , Patent No. 758. (Retailers \$1.75 each; 3 or more \$1.55 each.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly open into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A.A.R.S. award for 1947.				
600 No. 1	-----	\$ 1.00	\$.87½	\$.89
80 No. 1½	-----	.80	.70	---
San Fernando , Patent No. 785. (Retailers \$1.75 each; 3 or more \$1.55 each.) A magnificent thirty petaled rose of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.				
300 No. 1	-----	1.00	.87½	.80
20 No. 1½	-----	.80	.70	---
Show Girl , Patent No. 646. (Retailers \$2.00 each; 3 or more \$1.75 each.) Deep pink exhibition rose; one of the best. Flourishes in all climates. Lovely buds on long stems.				
500 No. 1½	-----	.88	.80	.76
Sleigh Bells , Patent No. 1004. (Retailers \$2.00 each; 3 or more \$1.75 each.) A white rose that really produces blooms. Large ovoid buds; fine foliage; long stems.				
600 No. 1	-----	1.10	1.00	.95
630 No. 1½	-----	.88	.80	.76
Sutters Gold , Patent No. 885. (Retailers \$2.25 each; 3 or more \$2.00 each.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high-centered and richly colored. A.A.R.S. award for 1950.				
350 No. 1	-----	1.25	1.12½	1.05
800 No. 1½	-----	1.00	.90	.84
Suzon Lotthe , Patent No. 934. (Retailers \$2.50 each; 3 or more \$2.20 each.) Another fine rose originating in France by Francis Meilland. Pearl pink, with peach center. Open flowers are lovely, large, many petals. Delightful fragrance. Especially good on Pacific Coast. Vigorous.				
500 No. 1	-----	1.40	1.25	1.20
620 No. 1½	-----	1.12	1.00	.96
Taffeta , Patent No. 716. (Retailers \$2.00 each; 3 or more \$1.75 each.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.				
500 No. 1	-----	1.10	1.00	.95
600 No. 1½	-----	.88	.80	.76

ROSES—Continued**PATENTED HYBRID TEA ROSES—Continued**

	10-20 Each	20-100 Each	100-250 Each
Tallyho, Patent No. 828. (Retail \$2.00 each; 3 or more \$1.75 each.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.			
370 No. 1	\$ 1.10	\$ 1.00	\$.95
1040 No. 1½ .....	.88	.80	.76
Will Rogers, Patent No. 256. (Retail \$1.50 each; 3 or more \$1.30 each.) Dark velvety-crimson maroon, double, free bloomer. Strong vigorous dark green foliage.			
200 No. 1½ .....	.72	.60	.56

PATENTED CLIMBERS

Aloha, Patent No. 948. (Retail \$2.50 each; 3 or more \$2.20 each.) The primary bud develops into a gorgeous five inch bloom, but the secondary buds do not open fully until the first flower has practically finished. Rich rose-pink with soft lilac silvery pink on inside of petals when open. Deeper tones when in tight buds.			
400 No. 1	1.40	1.25	1.20
780 No. 1½	1.12	1.00	.96
Clg. Crimson Glory, Patent No. 736. (Retail \$2.50 each; 3 or more \$2.20 each.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.			
300 No. 1½	1.12	1.00	.96
Clg. Forty-Niner, Patent No. 1094. (Retail \$2.75 each; 3 or more \$2.40 each.) Climbing form of the popular H. T. variety.			
600 No. 1	1.50	1.37½	1.30
400 No. 1½	1.20	1.10	1.04
Clg. Goldilocks, Patent No. 1090. (Retail \$2.50 each; 3 or more \$2.20 each.) A truly everblooming yellow climber producing ovoid shaped buds resembling miniature hybrid teas of rich golden-yellow color. Like the floribunda, Goldilocks as a climber blooms in larger clusters. Recommended to bloom first year after planting.			
300 No. 1	1.40	1.25	1.20
500 No. 1½	1.12	1.00	.96
Clg. Peace, Patent No. 932. (Retail \$2.50 each; 3 or more \$2.20 each.) Climbing form of the famous bush Hybrid Tea.			
600 No. 1½	1.12	1.00	.96

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each
Dr. J. H. Nicolas, Patent No. 457. (Retail \$2.00 each; 3 or more \$1.75 each.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.			
400 No. 1	\$ 1.10	\$1.00	\$.95
1470 No. 1½ .....	.88	.80	.76

King Midas, Patent No. 586. (Retail \$2.00 each; 3 or more \$1.75 each.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.

700 No. 1	1.10	1.00	.95
900 No. 1½ .....	.88	.80	.76

PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each
Betty Prior, Patent No. 340. (Retail \$1.50 each; 3 or more \$1.30 each.) Produces large fragrant clusters continuously throughout the season. Open lively red turning to shell-pink. Desirable for mass planting.			
640 No. 1 .....	.90	\$.75	\$.70
620 No. 1½ .....	.72	.60	.56

Goldilocks, Patent No. 672. (Retail \$1.50 each; 3 or more \$1.30 each.) Rich golden yellow, buds are ovoid in shape, long lasting hardy, and vigorous.

400 No. 1 .....	.90	.75	.70
900 No. 1½ .....	.72	.60	---

Holiday, Patent No. 915. (Retail \$1.50 each; 3 or more \$1.30 each.) Generous clusters of large sized buds, are orange yellow brushed pink on the outside and strong vermilion red on the inside gradually giving way to a softer more delicate tone when open.

600 No. 1 .....	.90	.75	.70
600 No. 1½ .....	.72	.60	.56

Lilibet, Patent applied for. (Retail \$2.50 each; 3 or more \$2.20 each.) Named in honor of the British Queen Elizabeth II and chosen an All American Rose Selections award winner 1954. A model hardy plant produces radiant roses in clusters of exquisite pink tones. The colors range from light rose to soft dawn-pink during the progressive stages of bloom. Graduations of tone within each petal further enhance the depth and loveliness of the abundant clusters. Mildew and black-spot resistant.

100 No. 1	1.40	1.25	1.20
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Ma Perkins, Patent No. 1143. (Retail \$2.25 each; 3 or more \$2.00 each.) NEW 1953 A.A.R.S. WINNER. This very free blooming Floribunda rose, with its sweetly pungent fragrance, shows a translucent light fashion color with shades of red in outer petals. A suffusion of yellow is present in all the early stages of bloom. With aging comes a soft coral shell pink. Ma Perkins is strong, yet compact. Flowers are cup shaped. Rich green foliage.

100 No. 1	1.25	1.12½	1.05
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ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each
Masquerade , Patent No. 975. (Retails \$2.00 each; 3 or more \$1.75 each.) Clusters of 10 to 25 buds of yellow, red, pink, lemon, and sometimes orange. Each bud is golden-yellow with thin vermilion marks. The center bud in each cluster opens first, becoming rose-pink as the petals unfold. Gradually the rose-pink deepens to deep red.			
400 No. 1	\$ 1.10	\$ 1.00	\$.95
460 No. 1½ .....	.88	.80	.76
Pink Bountiful , Patent No. 601. (Retails \$1.50 each; 3 or more \$1.30 each.) Bud short-pointed, begonia-rose. Flowers small, double (50-60 petals) open, nutty fragrance, rosolane-pink; strong stem.			
240 No. 1 .....	.90	.75	.70
810 No. 1½ .....	.72	.60	.56
Pinocchio , Patent No. 484. (Retails \$1.50 each; 3 or more \$1.30 each.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.			
900 No. 1 .....	.90	.75	.70
1000 No. 1½ .....	.72	.60	.56
Summer Snow , Patent No. 416. (Retails \$1.50 each; 3 or more \$1.30 each.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.			
100 No. 1½ .....	.72	.60	.56
Vogue , Patent No. 926. (Retails \$2.00 each; 3 or more \$1.75 each.) New Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three to four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. award for 1952.			
300 No. 1	1.10	1.00	.95
750 No. 1½ .....	.88	.80	.76



Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color and plants many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each	100-250 Each
Pink Princess , Patent No. 459. (Retail \$1.75 each; \$18.00 per doz.) Bud red, flower deep pink, famous as the first H. T. free from defoliation by blackspot.			
800 No. 1	\$ 1.00	\$.90	\$.85
380 No. 1½ .....	.80	.72	.68
Queen O' the Lake , Patent No. 1003. (Retail \$1.75 each; \$18.00 per doz.) One of the three newest Sub-Zero Roses. This gorgeous red Rose was named in honor of the Minneapolis Aquatennial Queen and is the official Rose for that outstanding event.			
400 No. 1	1.00	.90	.85
400 No. 1½ .....	.80	.72	.68
Red Duchess , Patent No. 846. (Retail \$1.75 each; \$18.00 per doz.) Hardy, sturdy plant producing an abundance of rose-red flowers that are pleasingly fragrant.			
500 No. 1	1.00	.90	.85
200 No. 1½ .....	.80	.72	.68
Shades of Autumn , Patent No. 542. (Retail \$1.75 each; \$18.00 per doz.) An abundant and joyous expression of bi-colored beauty.			
1200 No. 1	1.00	.90	.85
700 No. 1½ .....	.80	.72	.68
V for Victory , Patent No. 543. (Retail \$1.75 each; \$18.00 per doz.) Large very double yellow flowers of good fragrance.			
400 No. 1	1.00	.90	.85
460 No. 1½ .....	.80	.72	.68

BROWNELL SUB-ZERO HARDY CLIMBERS

	10-20 Each	20-100 Each	100-250 Each
Golden Pyramid , Propagation rights reserved. (Retail \$1.75 each; \$18.00 per doz.) Cadmium yellow, most vigorous of all climbers.			
880 No. 1	\$ 1.00	\$.90	\$.85
690 No. 1½ .....	.80	.72	.68



PERENNIALS

We are one of the largest growers of Hardy Perennials and Rock Garden Plants in the United States, devoting approximately 100 Acres of overhead irrigation system for the specilaized production of this type of plant.

Our variety list is complete. Many new varieties are being included in this list—while we have many other varieties in the course of testing for future introduction. Our plants are, except as specified, field grown and properly transplanted to give necessary root development for high class landscape planting.

All perennials should be shipped by Express. They are very perishable, and should not be included in a freight shipment.

RG means adaptability for Rock Garden planting.

★Indicates New and Novelty varieties. These have all been thoroughly tested, and we can recommend them very highly.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow (RG)		
Angels Breath. It grows as an inverted bowl, twenty inches high and spreads two feet. In flower, it is so profusely covered that the rich green foliage, decorative otherwise can scarcely be seen. The white is the purest, and the composition of the flower is fully double without a trace of center.	\$ 2.10	\$ 18.00
★Millefolium Crimson Beauty. A very bright colored Yarrow, grows about 2 feet high.	1.40	12.00
ALTHEA ROSEA, Hollyhock. Double Separate Colors.		
Lilac Beauty	1.40	12.00
Maroon Black	1.40	12.00
Newport Pink	1.40	12.00
Red	1.40	12.00
Red Salmon	1.40	12.00
White	1.40	12.00
Yellow	1.40	12.00
ANCHUSA Bugloss		
★Myosotidiflora (RG). Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.	1.80	15.00
★ANTHEMIS MOONLIGHT		
Pale yellow. Daisy-like flowers are 2½ inches in diameter. Superb for cutting and last several days in water. Insects do not bother it, grows in almost any kind of soil.	1.80	15.00
AQUILEGIA, Columbine. May-June. (RG)		
Chrysantha L. S. Beautiful golden yellow flowers; blooms for two months.	1.80	15.00
Crimson Star — New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	2.10	18.00

PERENNIALS—Continued**AQUILEGIA—Continued**

	Per 10	Per 100
Long Spurred Blue Shades. Extra long spurs.	\$ 1.80	\$ 15.00
Long Spurred Rose Queen. Rose shades.	1.80	15.00
Long Spurred Snow Queen. Extra long spurs.	1.80	15.00
Mrs. Scott Elliot's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.	1.20	10.00
Waller Franklin Hybrids Mixed. Superior to any strain of which we have knowledge. This blend contains many unique colors. 3 ft.	1.40	12.00

ARTEMISIA, Wormwood

Silver King. Silver white, color effect, frosted silver. Beautiful in combinations.	2.10	18.00
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ASTERS**THREE NEW ENGLISH ASTERS****SENSATIONS OF 1951**

	Per 10	Per 100
Janet McMullen. Another gigantic Briton, this time a soft rose-pink. Long, pyramidal stems alive with color. Semi-double, perhaps the largest flower of any aster. 4 feet.	\$ 3.50	\$ 30.00
The Archbishop. Mammoth new English hybrid, the grandest of all. Huge, 2 inch semi-double blooms in massive sprays of rich deep blue-purple. Erect, 3½ ft. plant, fine for cutting. Really outstanding.	3.50	30.00
The Cardinal. Brilliant deep reddish rose. A garden standout.	3.50	30.00

DWARF VARIETIES (RG)

	Per 10	Per 100
Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.		
Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.	\$ 1.40	\$ 12.00
Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. September. Height 1 ft.	1.40	12.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.40	12.00

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.

★Adorable. Deeper, clearer pink, very rare in fall flowers. Small reddish rosette-like buds. Clean dark green foliage. Height 4 to 4½ ft. Blooms September to frost.	2.10	18.00
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PERENNIALS—Continued**ASTERS—Continued**

	Per 10	Per 100
Blue Boy. Low growing, deep blue flowers.	\$ 1.80	\$ 15.00
★ Blue Eyes. Large pure violet blue flowers with small yellow eyes. Height 3 to 4½ ft.	1.80	15.00
Blue Gem. Large lovely flowers of blue with yellow center, double flowers. Best blue in cultivation. Sept. until frost. 3 to 4 ft.	1.40	12.00
★ Blue Plume. A choice introduction. One of the deepest, bluest yet introduced. Freely produced, rich royal blue flowers on stately spikes. An excellent variety that will attract attention. Sept. and Oct. Height 3 ft.	1.80	15.00
Harrington's Pink. The first Hardy Aster that is truly pink. Flowers are large and cover the 4-foot plant so completely that it seems a shame to cut them, but the blooms will be welcome in the house.	2.10	18.00
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00
★ Palmyra. The best pink of Novi-Belgii type. A very hardy vigorous growing aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 ft.	2.10	18.00
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.	1.80	15.00
Strawberries & Cream. A lovely color combination of deep pink flowers with softer pink of new bloom. End of Sept. 4 ft.	1.80	15.00
Sunset. A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 inches tall. ..	1.80	15.00

BUDDLEIA, Butterfly Bush, (See Shrubs).

★ CALLIRHOE INVOLUCRATA, (Poppy Mallow.) Trailing plant, finely divided foliage, large, saucer-shaped flowers of bright rosy crimson, white centers. Blooms all Summer and Fall.	1.20	10.00
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CAMPANULA, Belleflower.

Calycanthema (Cup and Saucer.) In separate colors, Blue Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.	1.40	12.00
Medium (Canterbury Bells.) In separate colors, Blue and Rose and White. June. 2 feet.	1.40	12.00

CHRYSANTHEMUMS

Well finished 2½ inch pot plants will be supplied on Spring orders.

RECENT INTRODUCTIONS

(The Chicago Strain)

These recently introduced varieties flower in profusion by mid-September until frost. All are about 2 ft. tall and are of sturdy habit of growth; disease resistant and ornamental foliage.

	Per 10	Per 100
CHARLES NYE. Large, 3-inch, fully double, rounded flowers of buttercup-yellow. Blooms late September.	\$ 2.10	\$ 18.00
EARLY HARVEST. Fine glowing mahogany orange on extremely free flowering plants from early September.	2.10	18.00
ERMINE. Fully double, wide petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Very frost-resistant flower. Excellent when cut. Blooms October.	3.00	25.00
HEARTHFIRE. Bright red flowers, showing a small yellow center when fully open. Ideal for cutting. Double. Early September.	2.10	18.00
LEE POWELL. The Mum of the year-1951. Masses of fluffy chinese-yellow flowers with slight orange tinge at center. Very similar to large greenhouse varieties. Tall upright bush. Blooming in late September.	3.00	25.00
MAGNIFICENT. Glorious 4-inch flowers of plum-red or rosy cardinal, with coppery cast. Strong branches, excellent for cutting. Blooms October 1.	2.10	18.00
MEDITATION. Large, fully double, firm, two-toned flowers of soft light jasper-red and maize yellow with orange reverse. Matures to a bright reddish peach. An excellent cut flower. October.	2.10	18.00
OLIVE LONGLAND. Apricot pink, full double flower of 3 inches. Lovely pastel color, blooms freely. Grows erect. 2½ feet Mid-September.	2.10	18.00
POLAR ICE. A pure white double flower of 3 inches. Grows vigorously, flowers freely and bunches nicely. This flower is a pure white at all times, without the cream center. Petal arrangements is somewhat open, and it shows a small center when mature. Early September.	2.10	18.00
TANGERINE. Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy deeply cut foliage. September to mid-October.	2.40	18.00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

AVALANCHE. Large well formed, double white flowers in great quantities. 2½-3 feet. Late September.	1.80	15.00
BETTY. Splendid upright rose-pink without a trace of magenta. One of the finest new pinks. Blooms late September.	3.00	25.00
CHIPPEWA. Double magnificent flowers of rich aster-purple in large clusters. Early September. 2½ feet.	2.10	18.00
HERITAGE. This is one of our own introductions. Flowers are fully double, 2½ inches in diameter. Colors are old-gold suffused with rose-pink. Plant is good grower, growing approximately 30 inches high. Produces large individual flowers on stiff stems. Is one of the first varieties to flower.	2.10	18.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

Per 10 Per 100

LAVENDER LADY. A lovely true lavender, no trace of mauve, purple, or magenta appears under any light condition. Flowers are full, double, 3 inches across. Early October.	\$ 2.10	\$ 18.00
RED VELVET. Shapely double flowers of medium size, are borne in clusters on long stems. The opening color is velvety crimson then becomes darker instead of fading. 2 feet. Early October.	2.10	18.00
SEPTEMBER DAWN. The gorgeous pink of an Autumn sunrise. The large double flowers are perfectly formed. 3-3½ inch flowers.	2.10	18.00
YELLOW AVALANCHE. Huge fluffy blooms in big sprays, individual blooms often measure over 4 inches, color is clear soft golden yellow. Late September.	2.10	18.00

NEWER OUTSTANDING BUTTON POMPON

CHIQUITA (Little Doll.) Deep lemon-yellow, fully double, compact, dome-shaped Pompon. Bush compact, 18 to 24 inches tall, with deep green foliage. Long individual flower stems. September to October.	2.10	18.00
LAVENDER LASSIE. Graceful sprays of dainty lavender-pink. From September until freezing. The 2½ foot plant is a mass of 2 to 3 inch Pompons.	2.10	18.00
ORCHID JEWELL. Small, compact sprays of light pink flowers on 24 inch stems.	2.10	18.00
PEPITA (Little Girl). Densely quilled Pompon. Egg-shell white with darker center when young, changing to pure white with slight yellow center. Bush 18 to 24 inches high, densely branched and wide spreading; long, individual flower stem. Mid-September to end of October.	2.10	18.00
PYGMY GOLD. Masses of golden yellow, round button flowers of 1 inch. Cushion type growth and very free flowering. A very excellent early flowering variety. 15 inches. Blooms September 15.	2.10	18.00
ROSITA , (Little Rose). Light Persian-rose. 1-1¼ inches in diameter, tight, full double. Open sprays of 5 to 10 flowers on long individual flower stems. Bush large, upright, spreading. Good foliage. September to mid-October.	2.10	18.00
SEPTEMBER BRONZE. Shapely little Pompon blossoms, shading from golden bronze to intense warm bronze. Mid-September to November.	2.10	18.00
SEPTEMBER CLOUD. Beautifully rounded blossoms of purest white with primrose shading in center. Mid-September till frost. ...	2.10	18.00

CUSHION CHRYSANTHEMUMS

Sometimes called "Million Mums." A group of low growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 to 12 inches high. Our stock is of improved strains. Most varieties begin blooming late in August and bloom until frost.

Per 10 Per 100

CUSHION BRONZE. As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later lighten to a beautiful golden bronze shade.	1.80	15.00
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PERENNIALS—Continued**CHRYSANTHEMUMS—Continued**

Per 10 Per 100

CUSHION PINK. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center.	\$ 1.80	\$ 15.00
CUSHION POWDER PUFF. Matures to purest white of any cushion yet, with 1½ inch double blossom on 1 ft. mound. Blooms in early September its first year, and late summer the second year.	2.40	20.00
CUSHION RED SUPER DELUXE. Plant is perfectly formed and makes a mound 18 inches high with a diameter of 3 feet in its very first year. Bright shade of red. Mid-September...	1.80	15.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy.

Alaska. Large white flowers. June to August. 2 ft.	1.40	12.00
Diener's Double White. Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.	1.80	15.00
The Speaker. Enormous pure white flowers.	1.80	15.00

COREOPSIS, Tickseed.

Mayfield Giant. Tall vigorous plants producing large individual flowers with broad petals, forming a perfect corolla, color is a beautiful shade of yellow.	1.20	10.00
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DELPHINIUM ENGLISH HYBRIDS

WREXHAM GIANT STRAIN. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue mauve and pink.	1.80	15.00
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DELPHINIUM MISCELLANEOUS VARIETIES

BELLADONNA CLIVEDON BEAUTY. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 feet.	1.20	10.00
BELLAMOSA IMPROVED. A reselected strain of the standard deep blue.	1.20	10.00

DIANTHUS NEW CARNATIONS

Per 10 Per 100

June Carmine. A beautiful shade of bright carmine pink with the spicy fragrance of the old clove pinks. It has carnation like foliage. The flowers are fully double, on 12 to 15 inch stems.	\$ 2.90	\$ 25.00
Wallace Red. Bright red semi-double blossoms only 8 inches high. At best June-July and September-October, but scatters bloom in between. Foliage a clean rich green. Charming in rock garden or as edging, best in sun. Dependably hardy.	2.40	20.00

PERENNIALS—Continued**DIANTHUS—Continued****DIANTHUS GRENADIN CAROPHYLLUS**

This is the hardest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Golden Sun. Early flowering, very double, large clear yellow flowers.	\$ 1.80	\$ 15.00
Rose Queen Triumph. Deep delicate pink.	1.80	15.00
White. Clear white. Complete double. Extra fragrant.	1.80	15.00

DIANTHUS HEDDEWIGI**(Japanese Pinks)**

Hybrid, double large flowers choice mixed.	1.40	12.00
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DIANTHUS PLUMARIS HARDY GARDEN PINKS

★ Scoticus Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.	1.80	15.00
Semperflorens. (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.	1.40	12.00

DIANTHUS Latifolius, Atrococcineous, Fl. Pl. Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in. ...	1.40	12.00
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DIANTHUS**Barbatus, Old Fashioned Sweet Williams.**

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Purple Beauty. Bright deep purple.	1.40	12.00
Scarlet Beauty. 18 inches.	1.40	12.00
White Beauty. 18 inches.	1.40	12.00

DICENTRA

	Per 10	Per 100
EXIMA (Fern Leaved Bleeding Heart.) Rose colored flowers produced all summer. 12 inches.	\$ 2.10	\$ 18.00

EUPHORBIA.

★ Polychroma. Its unusual combination of flowers and foliage, and afterwards its beautifully colored seeds, does not escape anyone's attention. It makes a beautiful formal plant, growing about 1 ft. high, forming a hemispherical clump covered with lemon-yellow, rose shaped, flowers in May and June. ...	1.80	15.00
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FERNS, Hardy Outdoor (RG).	1.40	12.00
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Goldie's Wood. (Aspidium). Evergreen Variety. 2 ft.

Interrupted (Osmunda Claytoniana.) Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.

Maiden Hair (Spleenwort Asplenium Tricomaneis). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.

Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pinnules. 2 to 3 ft.

GAILLARDIA, Blanket Flower (RG)

Burgundy. Shining deep wine red showing practically no yellow.	1.80	15.00
Dazzler. Large golden yellow and maroon flowers on strong wiry stems, 14 to 18 inches in length.	1.40	12.00

PERENNIALS—Continued

	Per 10	Per 100
GYPSOPHILA, Baby's Breath.		
★ Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.	\$ 4.00	\$ 35.00
Paniculata Compacta. Pinkish white. July. 2 ft.	1.20	10.00
Repens Rosea. Vigorous, succulent, low growing form. Light green healthy foliage topped by closely tucked pink sprays. ..	1.40	12.00
Snow White Double. Pure white double strain, 2 ft.	1.80	15.00

HEMEROCALLIS

Two species of *Hemerocallis* have been widely known to nurserymen for generations: *Flava*, the Lemon Lily; and *Fulva Europa*. In recent years progress has been made in hybridizing, so that today we can offer a collection of *Hemerocallis* which will bloom from Spring to Fall with a variation of colors. Their hardiness and attractive foliage make it possible to use them effectively in locations unsuited to other perennials.

We are growing the following varieties which we can recommend as superior for general planting.

	Per 10	Per 100
August Pioneer. Profuse bloomer, one of the late blooming Multiflora hybrids flowering from mid-August to mid-September. Miniature flowers of chrome-orange with the outer half of the petals flushed red. Very valuable for its late season of bloom. 42 inches.	\$ 1.80	\$ 15.00
High Boy. Large, pale yellow flowers on tall graceful stems. August. 5 feet.	1.80	15.00
Mikado. Rich orange with a large spot of mahogany red in each petal. 5 inches in diameter. Striking and unusual. Usually blooms a second time. The outstanding charm of this remarkable Day Lily is due to the bold color contrasts and perfection of form. Flowers during June and July. 3 feet.	1.80	15.00
Ophir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.	2.10	18.00
Rajah. 48 inches. A gorgeous new introduction by Dr. Stout in a brilliant flame scarlet, with a vivid triangular throat area of Brazil red. Large beautifully shaped brilliantly colored flowers of perfect form; very freely produced. July-August.	1.40	12.00

HYDRANGEA.

Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.		
2 year dormant stock.	6.00	55.00

IRIS

	Per 10	Per 100
Iris Vesper		
Dichotomah (August or Vesper Iris.) Fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors.	\$ 1.40	\$ 12.00

LATHYRUS LATIFOLIUS, Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors. Crimson King. Rose Queen. White Queen.	1.40	12.00
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PERENNIALS—Continued

	Per 10	Per 100
★LIATRIS, Blazing Star or Gay Feather.		
Scariosa September Glory. A giant 5 foot spike solidly covered with purple flowers from top to bottom. The flowers unlike the common variety, come into bloom all at the same time. Late flowering. September.	\$ 2.10	\$ 18.00
LILY OF THE VALLEY		
Extra strong plants with long roots. Fine foliage and profuse bloomers.		
Pips .....	.40	3.50
Clumps—Dug with original soil.	2.90	25.00
LINUM, Hardy Flax.		
Flavum. A golden yellow flower. May to July. 12 inches.	1.40	12.00
LYTHRUM		
★Prolific		
An established plant will produce 20 or more upright flower spikes about 30 inches tall. The flowers are best described as Persian-rose, clearer in color than the other varieties. They are excellent for cutting. The plant thrives in wet soil.	2.10	18.00
★The Beacon. A very showy variety, has neat long-lasting spikes of large clear, deep-carmine flowers, followed with side spikes almost to the ground. Interesting foliage, blooms from July till frost. 2 feet.		
	2.10	18.00
OENOTHERA, Evening Primrose (RG)		
Makes continuous display of color in rock garden.		
Missouriensis. Lovely yellow solitary flowers often 4 in. across. Low grower, with prostrate ascending branches, profuse bloomer. June to August. 10 in.	1.80	15.00
PACHYSANDRA TERMINALIS		
Ground covering plant, averaging 6-8 inches in height and branching freely into a dense mat. Practically evergreen. Splendid for steep slopes in the shade and for dense shade under any kind of tree. Well established 2 year, 3 inch pot plants.	2.10	18.00
PENTSTEMON, Beard Tongue, Hardy.		
★Pink Beauty. Color is a lovely clean shell-pink. A charming cut flower; one of the outstanding new and good plants. Flower spikes 30 in.		
	2.10	18.00
Rose Elf. An outstanding new hardy Pentstemon of the Barbatus type, produces masses of blooms on 2 or 3 feet stems. The color is a lovely coral pink. Blooms in June and July. ...		
	2.90	25.00

PHLOX**PHLOX PANICULATA**

For a good many years we have made a specialty of growing Phlox. These Phlox that we are offering are strong one year field grown plants. Shipment can be made any time after the 15th of October.

	Per 10	Per 100
Apollo White. Splendid white with large individual flowers.	\$ 1.80	\$ 15.00
Bluette. Very large, shades of blue and rose in magical fashion. Very fine. Early.	2.40	20.00
Bright Eyes. Large brilliant rose with dark eye. 3-3½ ft.	1.80	15.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Very large, single florets measure 1½ inches across. 3½ feet.	1.80	15.00

PERENNIALS—Continued

PHLOX PANICULATA—Continued	Per 10	Per 100
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.	\$ 1.80	\$ 15.00
Leo Schalageter. Brilliant scarlet with orange cast. 36 inch.	1.80	15.00
Prime Minister. Extra large florets of clean white with violet eye the best of the bi-colored whites.	1.80	15.00
Purple Sweetheart. Reddish purple with deeper eye, strong grower, tall, midseason.	1.80	15.00
Rosy Blue. Soft lavender-blue with delicate pink undertones. Never a sign of objectionable purple or violet tinting. The florets are large and grow in fine big clusters.	2.10	18.00
White Admiral. A lovely new white variety with huge trusses of bloom, medium height.	2.10	18.00
Wm. Kesselring. Deep plum-purple, shading to dainty lilac eye.	1.80	15.00

PHLOX SUBULATA, Moss or Mountain Pinks

An early spring flowering type with pretty mosslike, evergreen foliage, which during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, are invaluable for carpeting the ground.

	Per 10	Per 100
★ Blue Emerald Cushlon. New blue, with mats of lovely emerald-green foliage.	\$ 2.10	\$ 18.00
★ Blue Hills. Of uniform compact growth, with showy pale blue flowers freely produced in spring and again in fall.	1.80	15.00
Pink Emerald Cushion. A close compact foliage, Extremely floriferous, it has the longest blooming season in the family. Florets of unusual size, color a pure, unbleached pink.	2.10	18.00
Rosea. Rose-pink. Fine for covering banks, thrives in hot, dry situations, and blooms profusely.	1.40	12.00

PLATYCODON, Balloon Flower (RG)

Grandiflora Rosea. Lovely new tall growing variety with pure rose-pink flowers.	1.80	15.00
Mariesi Blue. A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers on 12-inch stems in great profusion throughout the entire summer. Plant in front of the border or in the rock garden.	1.40	12.00
Mariesi White. White flowered form of the above.	1.40	12.00

RUDBECKIA, Coneflower.

Hardy plants, adapted for the border. Well suited for cutting.

★ The King. It bears its large star-like deep crimson red flowers nobly on stiff stems. An established clump will produce from 10 to 20 fine spikes, never failing, no matter how hot or dry it may be. From half open buds to the orange-brown seedpod, the plant is always attractive. Height 3 feet.	2.90	25.00
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SALVIA, Meadow Sage

Azurea Grandiflora. Azure colored large flowers. August to September. 5 feet.	1.40	12.00
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SCABIOSA

Isaac House Hybrids. A fine strain of extra large flowered blue shades.	2.10	18.00
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PERENNIALS—Continued

SEDUM, Stone Crop or Live Forever (RG)	Per 10	Per 100
America's Greatest Rock Plant. Thick glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Lyidium Glaucum. Blush, very fine rock plant. Very odd. All summer. 6 inches. Yellow flowers.	\$ 1.80	\$ 15.00
Oppositifolium. Bright green foliage with rose bloom. July. 4 in.	1.80	15.00
Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.	1.80	15.00
Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.	1.80	15.00
Spurium Roseum. Purplish-red. July and August. 6 inches.	1.80	15.00
STATICE, Great Sea Lavender.		
Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make very valuable winter bouquets. 18 in.	2.10	18.00
TRITOMA, Kniphofia, Red Hot Poker (RG)		
This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
★ Gold Mine. Soft amber tinted gold is the color of this fine hybrid. The flower spikes are 30 in., 10 or more on one plant. Blooms from July to Sept. Its stateliness and coppery color effect makes it outstanding in the garden.	2.40	20.00
★ Primrose Beauty. The spotless primrose-yellow spikes are unique for their grace as well as their delightful color. The spikes are 30 inches tall, lending an unusual charm to the border. June-July.	2.40	20.00
VERBENA ROSE.		
Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter.	1.40	12.00
VERONICA, Speedwell (RG)		
★ Crater Lake Blue. Long airy spikes like the blue spires of fairyland. A sure touch of cool blue for the border. Plants grow 20 inches tall, do well in either full sun or partial shade.	1.80	15.00
VINCA MINOR		
Rubra Fl. Pl. A very strong growing type, carrying a heavy setting of foliage. The double and semi-double flowers are a striking mahogany red.	2.40	20.00
VIOLA, ODORATA, Sweet Violet (RG)		
Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.	1.40	12.00
★ Royal Robe. This glorious variety is a lustrous shade of deepest violet-blue. The blossoms are delicately fragrant and open out flat like a pansy or Viola. A few plants of this violet in the garden will serve to furnish quantities of bloom either during early winter or early spring.	1.80	15.00

PERENNIALS—Continued**YUCCA FILAMENTOSA**

Per 10 Per 100

Creamy yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July.

2 year transplants	\$ 2.10	\$ 18.00
3 year transplants heavy	2.90	25.00

OLD FASHIONED KITCHEN HERBS

Chives, Wild Onion. Finely chopped leaves gives a delicious flavor to salads.	\$ 1.20	\$ 10.00
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Sage, Old Fashioned. Used for seasoning sausages and dressing.	1.20	10.00
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SPRING BULBS

CANNAS

Per 100 Per 1000

Our Cannas are all strong 3 to 5 eye divisions, properly matured and cured so as to give you the best possible results.

	\$ 8.00	\$ 75.00
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PINK FLOWERS WITH GREEN FOLIAGE

★**City of Portland.** Large blooms in good sized clusters, medium rose-pink, strong stems well above the green foliage, One of the best pinks. In recent years some growers seem to be confused and are shipping Hungaria for City of Portland.

Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.

Louise. Tall deep pink flower. Large green foliage.

RED FLOWERS WITH GREEN FOLIAGE.

Firebird. 4 ft. Green foliage. A deep red bloomer. So firm are glistening petals that they do not wilt in the brightest sun.

BRONZE FOLIAGE VARIETIES

Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over-bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.

Wyoming. 5 ft. Purple foliage. True-orchid flowering variety with magnificent orange colored flowers.

★Varieties Prices \$9.00 per 100; \$85.00 per 1000.

NEWER IMPROVED VARIETIES

Per 100 Per 1000

Brilliant. Rich, scarlet red.	\$ 18.00	\$
Mohawk. Rich crimson, bronze crimson foliage.	18.00	-----

SPRING BULBS—Continued

LILIES

Our production of Hardy Lilies has been increased considerably in the last few years. Most of our Lilies are grown here at Shenandoah. Sizes specified indicate circumference of bulb. All of our bulbs are flowering size.

Please note the specified delivery dates on various varieties.

	Per 10	Per 100
CANDIDUM. (Madonna). Pure white, very fragrant. Northern French Grown. Available after Sept. 1. 20 to 22 cm.-----	\$ 2.40	\$ 20.00
ELEGANS ATROPURPUREUM. Deep red shaded crimson, large flowers. Splendid for bedding. Height 12 to 15 inches. Blooms in June. Plant 4 to 5 inches deep. Available after Nov. 1. 5 to 7 inches.-----	2.10	18.00
ESTATE. Large, fragrant pure white flowers. Blooms mid-summer. Medium height. Available after Nov. 1. 6 to 7 inches-----	3.00	25.00
HENRYII. (The Golden Speciosum). Flowers Golden Yellow, 5 to 6 inches tall. Blooms in Aug. and Sept. Plant 8 to 10 inches deep. Available after Nov. 1. 6 to 8 inches-----	2.40	20.00
REGALE. Our Regale Lilies are an improved type grown by seed selection, extra large white flowers suffused pink with creamy yellow throat. Very fragrant blooms in July. Planting depth 5 inches. Available after Oct. 15. 5 to 6 inches----- 6 to 8 inches-----	1.10 1.50	9.00 12.00
SPECIOSUM RUBRUM. White back-ground, pink dots and shading of pink to carmine. Blooms in Sept. Grows 3 to 5 feet tall. Plant 6 to 8 inches deep. Available after Nov. 15. 6 to 8 inches-----	2.90	25.00
TENUIFOLIUM. (Coral Lily.) Bright Cherry Red blossoms. Some times called the gayest of red Lilies. Height 12 to 24 inches. Blooms in June. Plant 4 to 5 inches deep. Available after Oct. 15. No. 1 flowering size----- No. 2 flowering size-----	1.00 .70	8.00 6.00

MISCELLANEOUS BULBS

	Per 10	Per 100
BEGONIAS, Tuberous Rooted. Camellia Flowering. This type is the most showy and beautiful of all Begonias. It is, as the name indicates, Camellia flowering. We offer these in separate colors, Orange, Pink, Red, White, and Yellow. 1½ to 2 inch in diameter.-----	\$ 1.80	\$ 15.00
TUBEROSES (RG), Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size-----	.80	7.50

BULBS

IN DECORATIVE BOXES

Size of Glad Box—10" x 3" x 2"

Size of Other Boxes—9" x 4½" x 2½"

Picture and Label in 6 lovely colors, on attractive Box in 3 colors

DAHLIAS

3 Tubers per Box

PRICE — \$65.00 per 100 Boxes

Each Tuber is wrapped in waxed tissue and labeled.

- No. 700 AVALON — canary yellow
JERSEY BEAUTY—clear pink
CRIMSON KING—rich red
- No. 701 JANE COWL—coppery yellow
GALLANT FOX—scarlet
WHITE KING—white
- No. 702 ROSE GLORY—orchid pink
SULTAN OF HILLCREST—yellow
RED BEAUTY—dark red
- No. 703 RUBY TAYLOR—carmine red
PINK LADY—rich pink
GOLDEN GODDESS—yellow
- No. 704 FAIRY—vivid pink Pom Pom
CATHERINE—yellow Pom Pom
BOBBY—rich red Pom Pom

CASE No. AD—50 Boxes assorted varieties @ \$32.50 per Case.

OTHER BULBS

3 Bulbs per Box

- No. 745 REGAL LILY
Price—\$45.00 per 100 Boxes
- No. 747 RED DEVIL LILY
Price—\$60.00 per 100 Boxes
- No. 748 DOUBLE TIGER LILY
Price—\$40.00 per 100 Boxes
- No. 754 TUBEROSE
Price—\$30.00 per 100 Boxes
- No. 749 RUBRUM LILY
Price—\$120.00 per 100 Boxes
- No. 751 HENRYI LILY
Price—\$75.00 per 100 Boxes

GLADIOLUS

10 No. 1 Bulbs per Box

PRICE — \$50.00 per 100 Boxes

- No. 715 MIXED COLORS
- No. 716 RED DRAGON—dark red
- No. 717 RED PHIPPS—bright red
- No. 718 GOLDEN CHIMES—yellow
- No. 719 WINGS OF SONG—pink
- No. 720 MINUET—lavender
- No. 721 WHITE GOLD—white

CASE NO. AG—50 Boxes Assorted Gladiolus @ \$25.00 per Case

CANNAS

3 Roots per Box

PRICE — \$35.00 per 100 Boxes

- No. 735 PRESIDENT CANNA—red
- No. 736 KING HUMBERT—red
- No. 737 CITY OF PORTLAND—pink
- No. 738 RICHARD WALLACE—yellow
- No. 739 APRICOT QUEEN—apricot orange
- No. 740 MME. CROZY—red edged yellow

CASE NO. AC—50 Boxes Assorted Varieties @ \$17.50 per Case

HOW TO ORDER

Order each group in multiples of 50 Boxes—i.e., 50 Boxes of Dahlias, 50 Boxes of Gladiolus, etc. Individual numbers should be ordered in multiples of 10—i.e., 10 No. 700, or 20 No. 702, etc. For an assortment of the best selling numbers in Dahlias, Cannas, or Glads, order the Assorted Cases offered above. Specify Express shipment as L.C.L. and Truck freight are slow and uncertain. 50 Boxes in same Group, sold at 100 Price. Terms—regular.

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